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ABSTRACT

Replacing a January 1980 publication of the same title, this collection of cost tables and other documentation from library materials cost studies conducted by members of the Association of Research Libraries (ARL) or by library vendors contains excerpts from: (1) local cost studies conducted at Colorado State University, Indiana University, Iowa State University, and Brown University; (2) local cost justifications using national data, compiled at Brown University and University of California; (3) automated local cost studies, conducted at University of Alberta, University of Georgia, and Vanderbilt University; and (4) vendor cost studies, conducted by Blackwell North America, Ballen Booksellers International, Coutts, and Faxon. A concise summary of related issues and trends discusses utilization of local cost data versus published data found in the "Bowker Annual," "Library Journal," and other sources; difficulties in obtaining foreign price information; the various uses of cost index data; characteristics of local cost studies; state cost index systems; the applicability of general published indexes to research materials costs; development of an academic book price index; standardization of price index criteria; and the provision of cost information from bibliographic utilities or as a byproduct of automated acquisition systems. A 23-item bibliography and an evaluation sheet for this ARL Systems and Procedures Exchange Center (SPEC) kit are also provided. (ESR)

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June 1983

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Library Materials Cost Studies in ARL Libraries

Kit 95

IR 050 457

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#95, JUNE 1983

OMS

Systems and Procedures Exchange Center

ISSN 1060 3574

LIBRARY MATERIALS COST STUDIES

During the sixties and seventies, the price increases of library materials were at a double digit level. Costs have stayed high in the early eighties, although there has been some relief for academic libraries from rapid foreign price increases as the dollar has strengthened. Despite this relief, the 1982 hardcover book prices showed a 14 percent increase. According to the Library Journal, the 1982 prices of American periodicals are still climbing at near record levels, resulting in an imbalance in the percent of the budget consumed by journals. In universities emphasizing science and technology, the proportion of serials to book expenditures can be as great as eighty to twenty. Within this changing environment, academic librarians are working to gather more sophisticated information for planning, budgeting, and management level decision making. There is evidence that more libraries are taking advantage of their computerized acquisition systems for the production of local data on materials costs. However, most institutions are depending upon published data on the prices of library materials because they do not have the staff or the time available for exhaustive studies. Another trend is more interest in vendor supplied data.

SOURCES AND USES OF MATERIALS COST INFORMATION. Although most libraries still rely upon regularly published indexes found in the Bowker Annual and Library Journal, along with random articles in other library publications, more libraries are supplementing the published data with local data. One of the drawbacks of depending completely upon published data is that such data do not necessarily reflect real local differences. One particular disadvantage to published data is that foreign prices are not well represented. Those libraries that have completely mechanized acquisition systems can include foreign prices as well as domestic. Examples of computerized local studies are included in this kit. Other libraries have developed local studies which combine some local data with nationally published information. There are studies in this kit which use a mixture of local information, e.g., volumes received, total cost, average cost, and inflationary figures from published indexes. Another frequent source of information is vendor-produced local data, e.g., a tailor-made study for a library. Finally, some libraries put together data manually on a country by country basis.

Within a library, local cost studies, published price indexes, and other related data are useful for managing the purchase of library materials as a part of a library's total collection development effort. Price indexes and cost studies are used to help prepare and justify library materials budgets and also to assist in the distribution of funds among subject categories. Valid, timely data can aid the library administration in analyzing cost trends, allocating funds, planning for future budgets, and determining the impact of materials cost increases on other library programs. The effective use of cost data also can help persuade university faculty and administration of the dimension of the library's financial constraints and of potential impact of further inflation and budget decreases. Data also are used to influence university program changes by indicating the cost of library support for new academic programs.

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LOCAL APPROACHES TO COST STUDIES. Some local studies contain very general data: total costs, total volumes received, and dollar average to attempt to show the losses in buying power which have not been inconsiderable. Other studies incorporate national vendor data for comparison with local vendor figures. Most studies isolate format (monographs, serial or documents), and do some type of subject analysis. Many librarians also prepare currency conversion charts to show the effects of devaluation of the library's materials budget.

Three state systems have convinced budgetary authorities that their published indexes are accurate and reliable. In one instance, elaborate data for the numbers of titles processed are submitted using average prices from published indexes. In another case, sample studies are done every two to three years to supplement the data from published sources. A full and regular study is not considered necessary. In the third situation, the institution relies on published studies and supplements the data with costs from 10 to 12 approval plans and a university press plan. The supplementary information includes foreign costs. In each of these cases, the state authorities find published information more "authoritative" and "objective".

TRENDS AND ISSUES. An issue which has always been of concern to academic libraries is that of applicability. Most academic librarians do not believe that general published indexes can show trends in costs of research materials. Currently, the American Library Association's RTSD, Resources Section Library Materials Price Index Committee is attempting to develop an "Academic Book Price Index". This new index will be based upon combined figures from several vendors' approval and university press plan coverage cost data. These vendors use figures exclusively from titles shipped to academic institutions, thus increasing the relevance of the data. Another development of special interest to academic libraries is the publication of new American National Standard Criteria for Price Indexes for Library Materials. These criteria are being used as a starting point for a new International Organization for Standardization (ISO) TC46 Working Group which will be attempting to set up a standard for international data. To date academic librarians have had very little useful published data on the prices of foreign materials, with the exception of the Library of Congress cost study on foreign materials received at L.C.

As bibliographic utilities (RLIN, OCLC, and WLN) have added acquisition capabilities to their cataloging service, there has been a growing interest in developing cost data from the large pool of order information. Within the Research Libraries Group a task force has discussed criteria for keeping centralized cost data on acquisitions. Another development of interest is the turnkey automated acquisition system. At least one system has the capability of providing quite detailed summary data, including bar graphs showing local costs. One of the major reasons libraries have discontinued local cost studies is the staff time consumption. Frequently, this effort has not produced results which merit the exertion. It is in this area that automated systems can provide fast effective cost information as a by-product of the main purpose -- acquiring materials.

The Kit on Library Materials Cost Studies (#95, June 1983, 121 pages) replaces an earlier kit of the same title published in January 1980, now out-of-print. Kit #95 contains four local studies, two examples of local justification using national data, three examples of automated local cost studies, four examples of vendor cost studies, and a bibliogaphy. SPEC Kits are available mainly by subscription from: SPEC Center, Office of Management Studies, ARL, 1527 New Hampshire Ave., N.W., Washington, D.C. 20036. Individual kits are available for $15.00, prepaid. Outside the U.S. and Canada, add $5.00 per order to the prepayment for parcel post shipping. (ARL library members receive kits for $7.50).

This Flyer/Kit was prepared as part of the
Collaborative Research/Writing Program
by Frederick C. Lynden, Assistant University
Librarian for Technical Services,
Brown University.

USES OF SPEC KITS

The Systems and Procedures Exchange Center (SPEC) is a clearinghouse operated by the Association of Research Libraries, Office of Management Studies that provides a central source of timely information and materials on the management and operations of large academic and research libraries. It facilitates the exchange of knowledge and documents through SPEC Kits, which are distributed ten times each year to ARL members and other interested libraries. The Kits include topically-arranged groupings of unedited primary source documents - selected for their value to administrators and decision-makers – that illustrate a wide range of alternative approaches to specfic issues.

Kit documents come from general membership surveys and from selected libraries contacted directly by SPEC, and most Kits are produced within six months of surveys. The documents' value comes from their variety of ideas, methods, and solutions. They are not viewed as finished products, but rather as points of departure for a library's planning efforts and as stimulants to innovative approaches to problem-solving. As such, Kits do not present answers or prescriptions for any one library; instead they illustrate how selected ARL members are planning for or dealing with particular issues. The worth of any one Kit to a particular library will depend upon the specific topic covered and the library's stage of development in that area.

Materials are selected according to the following criteria:

- Presents an approach of potential value to administrators and decision-makers
- Timely, and dealing directly with the topic under consideration
- Probability of application of ideas or thinking to other library situations
- Illustrative of actual practice, rather than theoretical
- Understandable, readable communication

All together, the materials should provide a range of alternative approaches that complement each other, provide variety, and stimulate comparison and contrast.

Libraries can take advantage of the Kit compilations in a number of ways. Administrators can evaluate the assumptions, methods, and results of other libraries' approaches; compare and contrast them; and use the learnings in their own situations. Library staff members can use the kits as professional development and current awareness tools. Committees and task forces can use them to begin a review of current practices. And the Kits can identify other persons or places to contact for further information. Back-up files in the SPEC office also are available for loan to member libraries. In addition, SPEC will conduct on-demand surveys or analyses geared specifically for a single library.

EVALUATION

Kit Title/Number _____

1. Which uses did the library make of this Kit?

2. Please indicate how useful the Kit was for these purposes.

☐ Very Useful ☐ Quite Useful ☐ Somewhat Useful ☐ Not Useful

3. Do you have suggestions for this Kit or for future Kits?

(optional)

NAME _____

LIBRARY _____

PHONE _____

Please return this form to the SPEC Center, OMS/ARL, 1527 New Hampshire Ave., N.W., Washington, DC 20036.

1/82

ISSN#0160-3582

SPEC KIT ON LIBRARY MATERIALS
COST STUDIES
JUNE 1983 Kit #95

LOCAL DATA

Unit Cost Study, 1981-1982; Faxon Weighted & Average Cost Study
Colorado State University 1

Cost Tables, 1981-1982
Indiana University 12

Statistical Report, 1982-1983
Iowa State University 19

Library Materials Cost Study
Brown University, 1981-1982 23

LOCAL JUSTIFICATION USING NATIONAL DATA

Acquisition Budget Request, 1983-1984
Brown University 52

Materials Used in Preparing University of California's Estimate of Price Increase Funding Needs for Library Materials, 1983
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AUTOMATED LOCAL COST STUDIES

Cost Tables; Acquisition Cost & Vendor Performance Study, 1983
University of Alberta 87

Statistical Information Used in the University of Georgia Libraries Collection Development Program, 1983
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Examples of Average Price Data from an In-house Acquisitions/ Accounting System, 1983
Vanderbilt University 106

VENDOR COST STUDIES

Blackwell North America, Inc. 111

Ballen Booksellers International, Inc. 115

Coutts 117

Faxon (Brown University) 119

BIBLIOGRAPHY 120

LOCAL DATA

Colorado State University

The Libraries

Colorado State University
Fort Collins, Colorado
80523

March 24, 1983

Mr. Frederick C. Lynden
Assistant University Librarian,
Technical Services
Box A
Brown University
Providence, RI 02912

Dear Fred:

Enclosed are the materials on internal cost studies for possible inclusion in an ACRL SPEC Kit that I promised you.

The first set is an example of an annual unit cost study, which initially was intended to support state appropriations for academic libraries at a time when academic library budgets were line items in the state budget. This is no longer true, but we are continuing to produce the unit cost figures for background information for other uses anyway. I believe the instructions explain how the end figures are arrived at, but call me if you have any further questions.

The second set of materials consists of two pages. Page 1 gives Faxon weighted and average cost by CSUL Subject fund code 1979-1982; and the second compares CSUL generated data for average cost per service based on the CSUL universe with average cost per subject area based on the Faxon universe. Our conclusion is that Faxon data is close enough to our internal data to be used in generating average costs for our formula.

Irene Godden
Assistant Director
for Technical Services

459M

Institution Colorado State University Actual Year 1981/82

UNIT EQUIVALENTS
(Materials Purchased from State Funds)

	Unit	Cost
A. Purchased Monographs (Re: Section A)	11,804	335,340.73
B. Purchased Subscriptions (Re: Section B)	6,256	715,385.37
C. Purchased Microforms (converted to units - Re: Section C)	3,610	13,638.21
D. Purchased Non-Book Learning Materials (including maps - Re: Section D)	13	71.35
TOTAL - PURCHASED MATERIALS FOR UNIT COSTS (sum A, B, C, D)	21,683	1,064,435.66
E. Other and Exception Costs		112,007.00
TOTAL - EXPENDITURES FOR LIBRARY MATERIALS		1,176,442.66
UNIT COST (Total cost in A, B, C, D ÷ toal units in A, B, C, D)	49.09	

Unit Cost Worksheet 81/82

A. Purchased Monographs

Acquisitions	9,530		$223,659.90
Serials	2,274		77,209.22
		& B	34,471.61
	11,804		$335,340.73
Weighted Unit Cost	$28.40		

B. Purchased Subscriptions

Acquisitions	66		$ 15,619.34
Serials	6,186		591,097.13
Memberships	4		63,368.00
		& B	45,300.90
	6,256		$715,385.37
Weighted Unit Cost	$114.35		

C. Purchased microforms

Acquisitions	226	$ 3,200.13
Serials	3,384	10,438.08
	3,610	$ 13,638.21

D. Purchased Non-book Learning Materials

Acquisitions	13	$ 71.35
Serials	---	---
	13	$ 71.35

E. Other Bibliographic Costs $112,007.00

Total	$1,176,442.66
and Rebinds	7,567.15
	$1,184.009.81

memo

auraria library
denver's academic library

TO: Director of Libraries **DATE:** June 25, 1982

FROM: John H. Hunter, Chairman, Unit Cost Committee

SUBJECT: Unit Cost Report for 1981-1982

Enclosed are the directions and the form for the report on your unit costs for the past budget year. We are repeating the same report forms as we have used in the past. The instructions are the same as before with the exception that we have added an explanation for section E of the report. The members of the committee are Mary Beth Vanderpoorten at Colorado School of Mines, Muriel Woods at the Auraria Library and Media Center, and myself. If you have questions, please call any one of us.

Because this information may be needed for budget requests for 1982-83, we would appreciate having your return by July 23, 1982. Please send to me at Lawrence and 11th Street; Denver, Colorado 80204.

We appreciate your continued cooperation and support.

JHH:kb

Enclosures

LIBRARIES
JUN 28 1982
COLORADO STATE UNIVERSITY

INSTRUCTIONS FOR COUNTING AND REPORTING PURCHASED LIBRARY UNIT EQUIVALENTS (FORM 459M)

Purchased library materials should be counted and reported as follows:

A. Monographs

1. Monographic publications, book series, doctoral dissertations, and monographic government documents purchased with State money should be reported here. (Original hard cover binding of paperback and monographic. Excludes repair rebinding.)

2. Definitions

   a. A physical volume is defined as any printed, typewritten, handwritten, mimeographed, or processed work contained in one binding or portfolio--hardbound, paperbound, or grouped in a storable unit.

   b. Monographic government documents are defined as any monographic publication bearing a government imprint (e.g., the publications of Federal, state, local, and foreign governments and of world organizations, such as United Nations, European Common Market, etc.).

3. Procedures for Counting Monographs

   a. One physical volume of a monographic publication equals <u>one unit</u> and includes:

      (1) Materials received on standing orders and monographic series (classed together or separately), blanket orders, and deposit accounts which are paid for on receipt of materials.

      (2) Cumulations to abstracts and indexes <u>when</u> ordered as a <u>one time</u> purchase, e.g., five-year cumulations.

   b. Purchased monographic government documents (exclude periodicals/serials/journals) will be measured and converted to units. One-eight linear foot equals one unit. Libraries will disregard measuring purchased monographic government publications when they order an average of one or less units per week. In this event, they will estimate the number of units purchased each year. Periodical/serial/journal subscriptions that are government publications should be reported as subscriptions (see Section B - Subscriptions).

   c. Hard copy backfiles of serials, periodicals, journals, and newspapers (bound or unbound) will be counted by bibliographic volumes. One bibliographic volume equals <u>one</u> unit. Replacement issues will not be counted, but their cost will be included in the cost of subscriptions. Microform editions of backfiles should be reported as microforms (see Section C - Microforms).

d. Includes the cost of binding monographs here but do not count additional units. (Original hard cover binding of paperback and monographic. Excludes repair rebinding.)

B. Subscriptions

1. Periodicals, journals, newspapers, reporter services, pocket parts and supplements which are paid for in advance with State money and received in hard copy and/or microform editions will be reported here.

2. Procedures for counting subscriptions

a. Each purchased subscription (including purchased government document subscriptions) regardless of format, is counted as one unit; therefore, two subscriptions to one title equal two units. Replacement issues will not be counted but their cost will be included here.

b. Memberships paid in advance will be counted as one subscription. Do not count individual serial titles generated by memberships unless there are additional charges for them beyond the membership fee. If additional charges occur, count the membership as one and each title for which there is an additional charge as one subscription.

c. Cumulations to indexes/abstracts and supplements paid for in advance on an annual basis and priced separately are counted as one subscription or one unit.

d. Pocket parts will be counted as one subscription or one unit per year whether paid for in advance or not, e.g., Pacific Reporter, Colorado Revised Statutes.

e. Include the cost of original binding of periodicals here but do not count additional units.

C. Microform

1. Monographic microforms, retrospective journal/periodical/serial/newspaper microforms, and microform collections such as ERIC, NTIS, and similar publications, irrespective of publisher, purchased with State money, are reported here. Include blanket orders for microforms here. (For microform subscriptions see Section B.)

a. Collections may be paid for in advance, upon receipt, or under a blanket order plan.

b. Include here collections which are one time purchases as well as continuing collections such as NTIS, ERIC, HRAF, Pollard and Redgrave, Newsbank, and Envirofiche.

2. Procedures for counting microforms

Count unit equivalents as follows:

a. One reel of microfilm equals one unit.

b. One sheet of ultrafiche equals one unit.

c. Eight microcards or eight sheets of microfiche equals one unit.

d. Four sheets of microprint equals one unit.

D. Non-Book Learning Materials

1. Learning materials other than those in A, B, and C such as maps, tapes, records, films, cassettes purchased by the library/learning materials center which with reasonable care and use are expected to last for more than one year are reported here. A physical unit, e.g., one film equals one unit except when purchased in a kit. Each physical unit in a series is counted as a separate unit.

2. One purchased package of non-book learning materials equals <u>one</u> unit. For example, one kit including film strips, records and other materials count as one unit whether or not they are separated in the library or one slide set purchased as a unit.

E. Other and Exceptional

1. Other bibliographic and non-recurring costs, purchased with State money and charged to the materials budget, should be reported here.

2. Definitions

a. Other bibliographic costs are defined as bibliographic utility charges or other network or system fees. <u>Note</u>: This does not imply that these costs must be charged to the materials budget, but if they are, they are reported here.

b. Exceptional costs are those for a single unusual purchase, for example, a rare book or a gift collection, that are not reported in Sections A-D. These are non-recurring costs.

3. Procedures for Reporting

Report the total amount in the cost column, then in the space given identify the costs, e.g., bibliographic utility, rare book, etc.

Institution Colorado State Actual Year 1980/81

UNIT EQUIVALENTS
(Materials Purchased from State Funds)

	Unit	Cost
A. Purchased Monographs (Re: Section A)	12,324	328,792.39
B. Purchased Subscriptions (Re: Section B)	6,452	664,580.17
C. Purchased Microforms (converted to units - Re: Section C)	3,925	10,861.97
D. Purchased Non-Book Learning Materials (including maps - Re: Section D)	33	368.26
TOTAL - PURCHASED MATERIALS FOR UNIT COSTS (Sum A, B, C, D)	22,734	1,004,602.79
E. Non-recurring Costs		—
TOTAL - EXPENDITURES FOR LIBRARY MATERIALS		1,004,602.79
UNIT COST (Total Cost in A, B, C, D ÷ Total units in A, B, C, D)	$44.19	

Unit Cost Worksheet

A. Purchased monographs			
acquisitions	9,455		203,403.17
serials	2,869		81,934.31
	12,324	+ B	43,454.91
			328,792.39
B. Purchased subscriptions			
acquisitions	75		13,467.77
serials	6,375		587,810.79
"special"	2		12,877.00
	6,452	+ B	50,424.61
			664,580.17
C. Purchased microforms			
acquisitions	554		2,564.43
serials	3,371		8,297.54
	3,925		10,861.97
D. Purchased non-book learning materials			
acquisitions	33		368.26
serials	0		0
	33		368.26
		Grand Total	$1,004,602.79
		+ RLIN	51,000.00
			1,055,602.79
+ balance remaining in deposit accounts			4,245.15
			1,059,847.94

CSU LIBRARIES
Serials Prices and Inflation Rates, Faxon Universe, by Subject Fund

WEIGHTED COST

	1979		1980		1981		June 30, 1982	
	Price	% change	Price	% change	Price	% change	Price	% change
BSS	85.12	-	101.51	19	114.15	12	108.80	(5)
BEE	39.27	-	41.74	6	45.51	9	48.57	7
ESS	69.22	-	83.51	21	89.25	7	88.73	(0.6)
FAA	80.70	-	99.99	24	112.82	13	110.55	(2)
HHH	21.39	-	23.42	9	24.79	6	24.84	0.2
PSS	164.79	-	197.33	16	197.82	0.2	209.11	6
SSS	31.21	-	35.94	15	38.44	7	39.68	3

AVERAGE COST

	1979		1980		1981		June 30, 1982	
	Price	% change	Price	% change	Price	% change	Price	% change
BSS	88.10	-	106.10	20	109.68	3	110.72	1
BEE	63.81	-	67.11	5	70.25	5	74.75	6
ESS	82.31	-	93.79	14	99.06	6	100.87	2
FAA	65.32	-	77.42	19	82.18	6	81.28	(1)
HHH	24.12	-	24.33	1	25.09	3	26.50	4
PSS	154.01	-	185.49	20	195.08	5	196.11	0.5
SSS	32.51	-	35.93	11	37.37	4	39.70	6

JSR/db

xc: Subject librarians, MBRC, Anderson, Hershcopf

COMPARISON OF CSUL SERIALS DATA WITH FAXON SERIALS COST STUDY, 1981

NUMBER OF SERIALS

	CSUL Data		Faxon Universe	
Code	#	%	#	%
BSS	920	.1284	2,489.5	.1351
BEE	924	.1290	2,489	.1351
ESS	744	.1038	2,156.5	.1170
FAA	1,252	.1747	1,323.5	.0718
HHH	951	.1327	2,722.5	.1477
PSS	635	.0886	1,994	.1082
SSS	1,740	.2428	5,255	.2851

COST OF SERIALS

	CSUL Data		Faxon Average Cost		Faxon Weighted Cost	
Code	$	%	$	%	$	%
BSS	135.79	.2049	109.68	.1773	114.15	.1833
BEE	56.11	.0846	70.25	.1135	45.51	.0731
ESS	120.53	.1819	99.06	.1601	89.25	.1433
FAA	78.05	.1178	82.18	.1328	112.82	.1812
HHH	29.74	.0449	25.09	.0406	24.79	.0398
PSS	203.31	.3068	195.08	.3153	197.82	.3176
SSS	39.17	.0591	37.37	.0604	38.44	.0617

SERIALS COMPONENT (Number plus Cost)

	CSUL Data	Faxon (No.plus Av.Cost)		Faxon (No. plus Weighted Cost)	
Code	%	%	difference	%	difference
BSS	.1665	.1562	(.0103)	.1592	(.0073)
BEE	.1068	.1243	.0175	.1041	(.0027)
ESS	.1429	.1385	(.0044)	.1302	(.0127)
FAA	.1463	.1023	(.0440)	.1265	(.0198)
HHH	.0888	.0942	.0054	.0937	.0049
PSS	.1977	.2118	.0141	.2129	.0152
SSS	.1510	.1727	.0217	.1734	.0224

INDIANA UNIVERSITY LIBRARIES

Latin American Studies

ACQUISITIONS UNIT COSTS BY ORIGIN OF IMPRINT
(For Current Publications Acquired by Unit, Standing and Blanket Order)

PUBLISHING COUNTRY:	FISCAL 1979/1980 Vols. Acq.	Unit Cost	% of Cost Increase	FISCAL 1980/1981 Vols. Acq.	Unit Cost	% of Cost Increase
Argentina	63	$5.78	- 2.2	100	$9.37	+ 62.1
Bolivia	14	7.79	+ 24.6	34	7.44	- 4.5
Brazil	122	8.07	- 5.5	294	6.45	- 20.1
Chile	15	11.57	+113.5	21	16.40	+ 41.7
Colombia	46	7.04	+ 24.6	53	8.92	+ 26.7
Costa Rica	11	3.80	- 47.9	8	2.48	- 34.7
Cuba	4	4.09	- 19.8	3	4.03	- 1.5
Ecuador	13	5.39	- 33.0	39	5.24	- 2.8
Guatemala	1	6.00	+ 54.6	1	17.50	+191.7
Honduras	2	5.00	0.0	0	--	--
Mexico	65	5.76	+ 54.8	69	6.36	+ 10.4
Nicaragua	1	4.50	- 10.0	2	9.25	+105.6
Panama	0	--	--	0	--	--
Paraguay	3	10.07	+ 71.6	8	8.48	- 15.8
Peru	137	4.86	- 8.3	16	25.57	+426.1
El Salvador	3	3.02	- 24.9	3	2.18	- 27.8
Uruguay	17	3.85	- 39.0	20	5.55	+ 44.2
Venezuela	53	8.65	+ 45.1	71	9.10	+ 5.2
West Indies	15	5.39	- 35.0	13	7.02	+ 30.2
Spain	46	7.11	- 29.5	43	6.31	- 11.3
Portugal	0	--	--	3	5.51	--
United States	164	11.54	- 6.5	204	13.91	+ 20.5
Canada	3	11.01	+ 65.3	7	11.26	+ 2.3
Great Britain	10	16.63	+ 38.6	12	16.36	- 1.6
Other European	36	12.73	- 43.4	28	13.34	+ 4.8
Asia	0	--	--	1	68.69	--
Africa	0	--	--	0	--	--
Middle East	0	--	--	0	--	--
International	0	--	--	0	--	--
TOTALS	844	7.90	+ 6.5	1,056	9.29	+ 17.6

NOTE: While materials acquired from some countries are not in sufficient numbers to accurately determine a comparable unit cost, the aggregate of all the various countries is large enough to provide a reliable price index that may be compared with indices of previous years.

INDIANA UNIVERSITY LIBRARIES

Latin American Studies

ACQUISITIONS UNIT COSTS BY ORIGIN OF IMPRINT
(For Current Publications Acquired by Unit, Standing and Blanket Order)

PUBLISHING COUNTRY:	FISCAL 1980/1981 Vols. Acq.	Unit Cost	% of Cost Increase	FISCAL 1981/1982 Vols. Acq.	Unit Cost	% of Cost Increase
Argentina	100	$9.37	+ 62.1	177	$9.61	+ 2.6
Bolivia	34	7.44	- 4.5	66	11.87	+ 59.5
Brazil	294	6.45	- 20.1	330	7.68	+ 19.1
Chile	21	16.40	+ 41.7	52	11.20	- 31.7
Colombia	53	8.92	+ 26.7	103	10.97	+ 23.0
Costa Rica	8	2.48	- 34.7	25	5.16	+108.1
Cuba	3	4.03	- 1.5	6	4.72	+ 17.1
Ecuador	39	5.24	- 2.8	33	3.29	- 37.2
Guatemala	1	17.50	+191.7	4	9.00	- 48.6
Honduras	0	--	--	0	--	--
Mexico	69	6.36	+ 10.4	215	5.98	- 6.0
Nicaragua	2	9.25	+105.6	1	12.50	+ 35.1
Panama	0	--	--	0	--	--
Paraguay	8	8.48	- 15.8	6	7.42	- 12.5
Peru	16	25.57	+426.1	47	10.16	- 60.3
El Salvador	3	2.18	- 27.8	6	8.19	+275.7
Uruguay	20	5.55	+ 44.2	32	12.71	+129.0
Venezuela	71	9.10	+ 5.2	87	9.50	+ 4.4
West Indies	13	7.02	+ 30.2	58	9.06	+ 29.1
Spain	46*	6.69*	- 5.9*	74	7.30	+ 9.1
Portugal	3	5.51	--	0	--	--
United States	204	13.91	+ 20.5	170	18.76	+ 34.9
Canada	7	11.26	+ 2.3	7	6.60	- 41.4
Great Britain	12	16.36	- 1.6	26	17.12	+ 4.6
Other European	28	13.34	+ 4.8	90	14.02	+ 5.1
Asia	1	68.69	--	4	11.74	- 82.9
Africa	0	--	--	0	--	--
Middle East	0	--	--	0	--	--
International	0	--	--	0	--	--
TOTALS	1,056	9.29	+ 17.6	1,619	10.00	+ 7.6

NOTE: While materials acquired from some countries are not in sufficient numbers to accurately determine a comparable unit cost, the aggregate of all the various countries is large enough to provide a reliable price index that may be compared with indices of previous years.

*figures revised from previous year's report.

INDIANA UNIVERSITY LIBRARIES

LATIN AMERICAN SERIAL INDEX

	FISCAL YEAR:				1976/1977	1977/1978	1978/1979	1979/1980	1980/1981	1981/1982
1.	Academia Peruana de la Lengua. Boletín. AS88.A16	[B53775]	an	PE	$3.60 #11,'76	$6.25 #12,'77	$2.80 #13,'78	$5.70 #14,'79	($5.20) #15,'80	($6.20) #16,'81
2.	The Americas: quar. rev. of Inter-American cultural history. E11.A512	[P09528]	qr	US	$12.00 v.34,77/78	$16.00 v.35,78/79	$16.00 v.36,79/80	$18.00 v.37,80/81	$18.00 v.38,81/82	$18.00 v.39,82/83
3.	Antropológica. F2229.A636	[P12600]	2-6/yr	VE	$7.00 #40-42,'75	$7.00 #43-45,'76	($7.00) #46-48,'77	$15.00 #49-50,'78	$15.00 #51-52,'79	$15.00 #53-58,'80
4.	Anuario bibliografico colombiano. Z1731.A63	[P15472]	an-ba	CK	$5.00 1972	$10.00 1973/74	$10.00 1975/76		$10.00 1977/78	$10.00 1979
5.	Banco do Nordeste do Brasil. Rev. econômica. HC186.B225	[P11107]	qr	BL	$10.00 v.8,'77	($12.00) v.9,'78	$12.00 v.10,'79	$12.00 v.11,'80	($12.00) v.12,'81	($12.00) v.13,'82
6.	Boletín de antropología americana. Z5114.P2	[P05465]	qr	MX	$11.39 v.37,'75	($11.18) v.38,'76	$11.18 v.39,'77	$10.80 v.40,'80	($19.00) v.42,'82	($19.00) v.43,'83
7.	Caribbean review. F2161.A1C28	[P01167]	qr	US	$5.00 v.6,'77	$8.11 v.7,'78	$8.00 v.8,'79	$8.12 v.9,'80	$8.00 v.10.'81	$12.00 v.11,'82
8.	Chasqui. PQ7081.A1C48	[P11059]	3/yr	US	$12.00 v.6/7,'77	$12.00 v.7/8,'78	$12.00 v.8/9,'79	$12.18 v.9/10,'80	$12.00 v.10/11,'81	$12.00 v.11/12,'82
9.	Coloquio de Estudos Luso-Brasileiros. Anais. F2501.C72	[P08229]	an	JA	$4.00 #9,'75	$5.00 #10,'76	$6.00 #11,'77	$8.00 #12,'78	$8.00 #13,'79	$8.00 #14,'80
10.	Conjuntura econômica. HC186.C74	[P11106]	mo	BL	($110.00) v.31,'77	$110.00 v.32,'78	($109.50) v.33,'79	$109.50 v.34,'80	$109.50 v.35,'81	$109.50 v.36,'82
11.	Criterio. AP63.C925	[P04889]	sm	AG	$25.00 '76/77	$25.00 '77/78	$25.00 '78/79	$40.00 '79/80	($50.00) '80/81	$50.00 '81/82
12.	Cuban studies = Estudios cubanos. F1751.C967	[P12282]	sa	US	$10.00 v.7,'77	$12.00 v.8,'78	($12.00) v.9,'79	($16.00) v.10.'80	$16.00 v.11,'81	$16.00 v.12,'82
13.	Desarrollo económico. HC161.D44	[P04879]	qr	AG	$28.00 v.16-17,'77	$34.00 v.17/18,'78	$48.00 v.18/19,'79	$48.00 v.19/20,'80	$48.00 v.20/21,'81	
14.	Dokumentationsdienst Lateinamerika. Z7165.L3D65	[P11042]	qr	GW	$22.21 v.6,'76	$29.21 v.7,'77	$33.77 v.8,'78	$36.62 v.9,'79	$30.99 v.10,'80	($33.13) v.11,'81
15.	Eco. AP63.E18	[A86191]	mo	CK	$22.00 1977	$22.00 1978	$24.00 1979	$26.00 1980	$28.00 1981	$35.00 1982
16.	A economia brasileira e suas perspectivas. HC186.E18	[A45897]	an	BL	$75.00 v.15,'76	$65.00 v.16,'77	($75.00) v.17,'78	$75.00 v.18,'79	$75.00 v.19,'80	$75.00 v.20,'81
17.	Ercilla. AP63.E69	[P03161]	wk	CL	$82.00 v.42,'77	$95.00 v.43,'78	$100.00 v.44,'79	$135.00 v.45,'80	$150.00 v.46,'81	$165.00 v.47,'82
18.	Estudios filológicos. PC4008.E82	[P00400]	an	CL	$6.72 #11,'76	$9.85 #12,'77	$9.85 #13,'78	$9.85 #14,'79	$9.94 #15,'80	$13.20 #16,'81
19.	Estudios internacionales. JA5.E82	[P04087]	qr	CL	$30.00 v.10,'77	($40.00) v.11,'78	$40.00 v.12,'79	$40.00 v.13,'80	($42.00) v.14,'81	$42.00 v.15,'82
20.	Estudios sociales centroamericanos. HN121.E82	[P13302]	3/yr	CR	$10.00 #13-15,'76	$10.00 #16-18,'77	($10.00) #19-21,'78	($10.00) #22-24,'79	$10.00 #25-27,'80	$14.00 #28-30,'81
21.	Foro internacional. AP63.F74	[084213]	qr	MX	$8.50 v.17,'77	$8.50 v.18,'78	$9.18 v.19,'79	$14.14 v.20,'80	$14.00 v.21/22,'81	$19.00 v.22/23,'82
22.	Hispamérica. PQ7081.A1H67	[P07630]	3/yr	US	$15.00 v.6,'77	$18.00 v.7,'78	$18.00 v.8,'79	($18.00) v.9,'80	($18.00) v.10,'81	$21.00 v.11,'82

23.	Hispanic American historical review. F1401.H6	[P09780]	qr	US	$18.00 v.57,'77	$18.00 v.58,'78	$18.00 v.59,'79	$22.00 v.60,'80	$25.00 v.61,'81	$25.00 v.62,'82
24.	Hispano-americano. AP63.H67	[P05684]	wk	MX	$20.00 v.70/71,'77	$20.00 v.72/73,'78	$26.00 v.74/75,'79	$40.60 v.76/77,'80	$40.00 v.78/79,'81	$48.00 v.80/81,'82
25.	Historia mexicana. F1201.H57	[P05686]	qr	MX	$8.50 v.26/27,'77	$8.50 v.27/28,'78	$9.18 v.28/29,'79	$14.14 v.29/30,'80	$14.00 v.30/31,'81	$19.00 v.31/32,'82
26.	Historia y cultura. F3431.A2H67	[B53215]	an	PE	$6.00 #8,'74	$7.00 #9,'75	$7.50 #10,'76/77	$9.00 #11,'78	$8.20 #12,'79	$12.50 #13-14,'81
27.	Ibero-amerikanisches Archiv. [neue folge] F1401.I232	[P12288]	qr	GW	$16.67 Bd.3,'77	($20.51) Bd.4,'78	$21.92 Bd.5,'79	$24.00 Bd.6,'80	$34.51 Bd.7,'81	$27.66 Bd.8,'82
28.	Industria e produtividade. HC186.I42	[P11105]	mo	BL	$8.00 #98-109, 1976/77	$8.00 #110-121, 1977/78	$10.00 #122-133, 1978/79	$10.00 #134-141, 1980	$10.00 #142-152, 1981	$10.40 #153-164, 1982
29.	Inter-American economic affairs. HC161.I6	[P09820]	qr	US	$14.00 v.30/31,'77	$15.00 v.31/32,'78	$15.00 v.32/33,'79	$20.00 v.33/34,'80	$20.00 v.34/35,'81	$25.00 v.35/36,'82
30.	Investigaciones y ensayos. F2801.I95	[B53181]	sa	AG	$17.20 v.18-19,'75	$25.60 v.20-21,'76	($27.87) v.22-23,'77	$13.93 v.24,'78	$14.40 v.25,'78	($14.40) v.26,'79
31.	Jahrbuch für Geschichte von Staat, Wirtschaft und Gesellschaft Lateinamerikas. F1401.J25	[A45865]	an	GW	$41.50 Bd.13,'76	($55.65) Bd.14,'77	$56.95 Bd.15,'78	$64.05 Bd.16,'79	($59.40) Bd.17,'80	$48.80 Bd.18,'81
32.	Journal of Inter-American studies and world affairs. F1401.A2J86	[P06612]	qr	US	$22.50 v.19,'77	$26.00 v.20,'78	$28.00 v.21,'79	$32.00 v.22,'80	$32.00 v.23,'81	$36.00 v.24,'82
33.	Journal of Latin American lore. GR114.J86	[P12537]	sa	US	$7.00 v.2,'76	($7.00) v.3,'77	($7.00) v.4,'78	$18.00 v.5,'79	$20.00 v.6,'80	$20.00 v.7,'81
34.	Journal of Latin American studies. F1401.J86	[P00848]	sa	UK	$26.00 v.9,'77	$28.00 v.10,'78	$33.00 v.11,'79	$42.50 v.12,'80	$58.50 v.13,'81	$66.00 v.14,'82
35.	Latin America commodities report. HF1040.9.L37L37	[P13909]	25/yr	UK	$78.66 1977	$108.61 1978	$133.25 1979	$153.20 1980	$114.03 1981	$86.85 1982
36.	Latin America weekly report [+ 5 regionals] HC121.L374	[P02241]	50/yr+50	UK	$193.45 1977	$231.46 1978	$295.51 1979	$408.58 1980	$304.09 1981	$335.82 1982
37.	Latin American Indian literatures. PM151.L37	[P14655]	sa	US	($10.00) v.1,'77	($10.00) v.2,'78	($10.00) v.3,'79	$15.00 v.4,'80	($20.00) v.5,'81	$20.00 v.6,'82
38.	Latin American literary review. PQ7081.A1L35	[P12900]	sa	US	$8.00 v.4,'75/76	$8.00 v.5,'76/77	$10.00 v.6,'77/78	$12.00 v.7,'78/79	$16.00 v.8,'79/80	$16.00 v.9,'80/81
39.	Latin American research review. F1401.L35	[A77207]	3/yr	US	$25.00 v.12,'77	$25.00 v.13,'78	$25.00 v.14,'79	$25.00 v.15,'80	$25.00 v.16,'81	$30.00 v.17,'82
40.	Latin American theatre review. PN2008.L35	[P08387]	sa	US	$9.00 v.10/11,'77	$9.00 v.11/12,'78	$9.00 v.12,'78/79	$9.00 v.13,'80	($9.00) v.14,'80/81	$18.00 v.15,'82/83
41.	Mensaje. BX805.M548	[A83506]	10/yr	CL	($27.00) v.26,'77	($27.00) v.27,'78	$22.00 v.28,'79	$25.00 v.29,'80	$28.00 v.30,'81	$28.00 v.31,'82
42.	Mexico. Archivo General de la Nación. Bol. F1203.M56	[P11702]	qr	MX	$8.13 v.13,'72/76	$7.30 #1-3,'77	$8.72 #4-6,'78	$7.76 #7-10,'79	$8.84 #11-14,'80	$9.66 #15-18,'81
43.	NACLA report on the Americas. F1401.N864	[P07482]	bm	US	$16.00 v.10/11, 1976/77	$10.00 v.11/12, 1977/78	$19.00 v.12/13, 1978/79	$19.00 v.14,'80	$24.00 v.15,'81	$29.00 v.16,'82
44.	Ñawpa Pacha. F2212.N32	[B53884]	an	US	($8.50) #14,'76	$8.50 #15,'77	$11.00 #16,'78		$12.00 #17,'79	$12.00 #18,'80
45.	Nuestra historia. F2801.N96	[P00455]	sa	AG	$2.20 #16,'75	$5.25 #17-18,'76	$6.25 #19-20,'77	$7.50 #21-22,'78	$8.80 #23-24,'79	$9.70 #25-26,'80
46.	Oiga 78 AP63.038	[P01310]	wk	PE	$36.90 v.17,'77	$50.00 #1-52,'78	$64.00 #53-104,'79	$50.00 v.4,'80	$79.00 v.5,'81	$125.00 #59-111,'82
47.	La Palabra y el hombre. AS63.P153	[P02697]	qr	MX	($9.00) #21-24,'77	$9.00 #25-28,'78	$7.00 #29-32,'79	($8.00) #33-36,'80	($8.00) #37-40,'81	$8.00 #41-44,'82
48.	Plural. PN6.P73	[P09285]	mo	MX	($31.00) v.6,'77	$31.00 v.7,'78	($35.00) v.8,'79	($35.00) v.9,'80	($18.00) v.10,'81	$18.00 v.11,'82

49.	Review of the River Plate. HC171.R45	[A57504]	3/mo	AG	$60.00 1977	$60.00 1978	$72.00 1979	$84.00 1980	$142.00 1981	$156.00 1982
50.	Revista de critica literaria latinoamericana. PQ7081.A1R33	[P12632]	sa	PE	$11.60 #3-4,'76	$12.00 #5-6,'77	$12.00 #7/8,'78	$12.00 #9-10,'79	$12.00 #11-12,'80	$12.00 #13-14,'81
51.	Revista de estudios hispánicos. AP62.R45	[P02792]	3/yr	US	($9.00) v.11,'77	$9.00 v.12,'78	$11.00 v.13,'79	$11.00 v.14,'80	$12.00 v.15,'81	$12.00 v.16,'82
52.	Revista de literatura. PN6.R45	[P10420]	sa	SP	$7.50 #75/76,'70	$9.24 #77/78,'78	$9.00 #79/80,'78	$9.05 #81,'79	($8.68) #82,'79	($8.00) #83,'80
53.	Revista de saúde pública. RA207.R47	[P10593]	qr	BL	$17.00 v.11,'77	$17.00 v.12,'78	$20.00 v.13,'79	$20.00 v.14,'80	$30.00 v.15,'81	
54.	Revista interamericana de planificación. HC161.I62	[P02851]	qr	MX	$20.00 1977	$20.00 1978	$20.00 1979	$20.00 1980	$25.00 1981	$25.00 1982
55.	Revista javeriana. BX3701.R44	[P04891]	10/yr	CK	$18.33 v.89/90,'78	$19.17 v.91/92,'79	$21.00 v.93/94,'80	$22.50 v.95/96,'81	($35.00) v.97/98,'82	$35.00 v.99/100,'83
56.	Revista latinoamericana de estudios urbano regionales. HT101.R454	[P15288]	1-3/yr	CL	$8.96 #11-12,'75	$4.48 #13,'76	$7.16 #14,'77	$17.90 #15-17,'78	$28.36 #18-20,'80	$12.61 #21,'81
57.	Revista lotería. F1561.L88	[A47623]	mo	PN	$12.00 1977	$12.00 1978	$18.00 1979	$15.23 1980	$15.00 1981	$15.00 1982
58.	La revista mexicana de sociología. H8.R45	[P12377]	qr	MX	$13.15 v.37,'75	($13.15) v.38,'76	($13.15) v.39,'77	($21.15) v.40,'78	$21.15 v.41,'79	($21.15) v.42,'80
59.	Revista paraguaya de sociología. HM7.R47	[P02257]	3/yr	PY	($24.00) v.13,'73	$24.00 v.14,'74	$20.00 v.15,'77	$23.00 v.16,'78	$36.00 v.17,'80	$40.00 v.18,'81
60.	Seminar on the Acquisition of Latin American Library Materials. Final report and working papers. (+ Newsletter) Z689.S57(Z689.S55)	[P13933]	an(qr)	US	$30.00 20th(v.4)	$30.00 21st(v.5)	$30.00 22nd(v.6)	$32.50 23rd(v.7)	$50.00 24th(v.8)	$50.00 25th(v.9)
61.	Siempre! AP63.S48	[P14333]	wk	MX	($64.36) 1977	$64.36 1978	$64.36 1979	$78.36 1980	$78.36 1981	$80.70 1982
62.	Staden-Jarhbuch: Beiträge zur Brasilkunde. F2501.S77	[P11477]	an	BL	$14.40 #21/22, 1973/74	$19.10 #23/24, 1975/76	$16.12 #25/26, 1977/78		$19.92 #27/28, 1979/80	$18.02 #29,1981
63.	Statistical abstract of Latin America. HA931.C15	[116118]	an	US	($23.50) v.16,'74	($26.40) v.17,'76	($26.45) v.18,'77	$34.05 v.19,'79	$49.90 v.20,'80	$49.90 v.21,'81
64.	Suplemento antropológico. GN1.A86	[P00706]	sa	PY	$5.00 v.10,'75	$10.00 v.11,'76	$10.00 v.12,'77	$15.00 v.13,'78	$15.00 v.14,'79	$15.00 v.15,'80
65.	Sur. AP63.S96	[P06040]	sa-an	AG	$50.00 1977/78	$60.00 1978/79	$60.00 1979/80	$60.90 1980/81	$60.00 1981/82	$60.00 1982/83
66.	Thesaurus. PC4008.A1T41	[P13811]	3/yr	CK	$6.00 v.31,'76	$6.00 v.32,'77	$6.00 v.33,'78	$10.00 v.34,'79	$10.00 v.35,'80	$10.00 v.36,'81
67.	Trimestre económico. HB9.T83	[A01098]	qr	MX	$20.00 v.44,'77	$20.00 v.45,'78	$25.00 v.46,'79	$30.45 v.47,'80	$50.00 v.48,'81	$50.00 v.49,'82
68.	Trinidad and Tobago national bibliography. Z1561.T7T74	[P13820]	qr	TR	($10.00) v.1,'75	($10.00) v.2,'76	$10.00 v.3,'77	$10.00 v.4,'78	$10.00 v.5,'79	$40.00 v.6,'80
69.	Veja. AP66.V45	[P14324]	wk	BL	$80.00 1977/78	$95.00 1978/79	$110.00 1979/80	$130.00 1980/81	$138.00 1981/82	$225.00 1982/83
70.	Visión. AP62.V83	[A11246]	sm	MX	$17.60 1977/78	$16.00 1978/79	$16.00 1979/80	$35.10 1980/81	$44.00 1981/82	$44.00 1982/83
71.	Vuelta. AP63.V8	[P16912]	mo	MX	($18.00) #5-16, 1977/78	($20.00) #17-28, 1978/79	$20.00 #29-40, 1979/80	$20.00 #41-50, 1980/81	$20.00 #51-64, 1981/82	$20.00 #65-76, 1982/83
	FISCAL YEAR:				1976/1977	1977/1978	1978/1979	1979/1980	1980/1981	1981/1982
	TOTAL COST				$1723.03	$1922.38	$2132.67	$2465.36	$2629.77	$2803.20
	Average cost per title				24.27	27.08	30.04	36.26	37.04	40.63
	% of price increase over previous year					+ 11.58	+ 10.93	+ 20.71	+ 2.15	+ 9.69
	PRICE INDEX				100.00	111.58	123.77	149.40	152.62	167.41

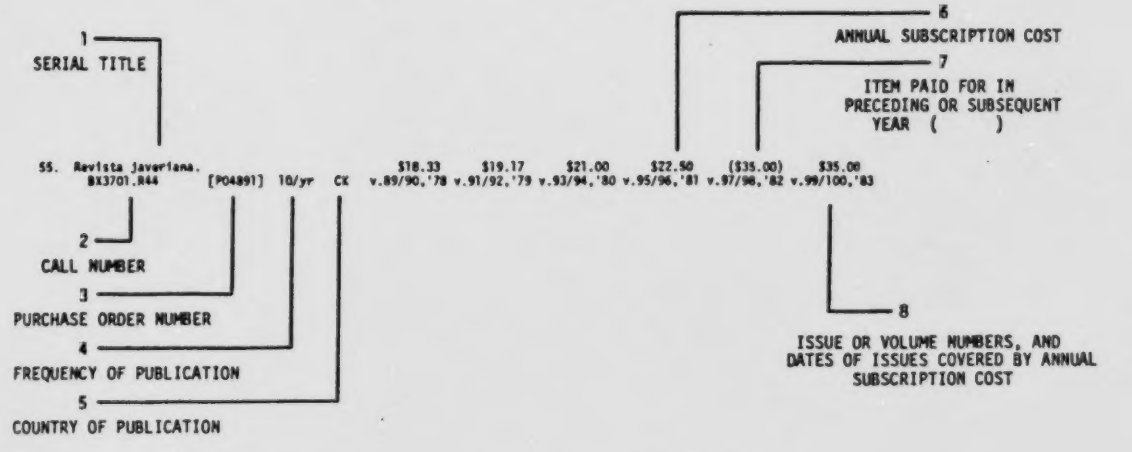
NEWSPAPER SUBSCRIPTIONS

FISCAL YEAR:				1976/1977	1977/1978	1978/1979	1979/1980	1980/1981	1981/1982
1. O Estado de São Paulo. uncat	[A77314]	da	BL	$258.55 1977	$260.49 1978	$295.74 1979	$193.80 1980	$289.00 1981	$297.00 1982
2. Excelsior. uncat	[P04476]	da	MX	$117.64 1977	$117.60 1978	$117.60 1979	$205.85 1980	$175.00 1981	$262.50 1982
3. La Prensa. uncat	[P06053]	da	AG	$94.00 1977	$199.00 1978	$252.00 1979	$255.78 1980	$347.00 1981	$396.00 1982
4. El Tiempo. uncat	[A77317]	da	CK	$56.00 1977	$66.40 1978	$110.00 1979	$436.00 1980	$436.00 1981	$436.00 1982
TOTAL COST				$526.19	$643.49	$775.34	$1091.43	$1247.00	$1391.50
Average cost per title				131.55	160.87	193.84	272.86	311.75	347.88
% of price increase over previous year					+ 22.29	+ 20.49	+ 40.77	+ 14.25	+ 11.59
PRICE INDEX				100.00	122.29	147.35	207.42	236.98	264.45

AGGREGATE INDEX: SERIALS & NEWSPAPERS

	1976/1977	1977/1978	1978/1979	1979/1980	1980/1981	1981/1982
TOTAL COST: Serials and Newspapers	$2249.22	$2565.87	$2908.01	$3556.79	$3876.77	$4194.70
Average cost per title	29.99	34.21	38.77	49.40	51.69	57.46
% of price increase over previous year		+ 14.08	+ 13.34	+ 27.42	+ 4.64	+ 11.16
AGGREGATE PRICE INDEX	100.00	114.08	129.28	164.72	172.36	191.60

EXPLANATION OF ENTRIES



ABBREVIATIONS:

an - annual
ba - biennial
bm - bi-monthly
da - daily
mo - monthly
qr - quarterly
sa - semi-annual
sm - semi-monthly
wk - weekly

COUNTRY CODES:

AG - Argentina
BL - Brazil
CL - Chile
CK - Colombia
CR - Costa Rica
GW - West Germany
JA - Japan
MX - Mexico
PE - Peru
PN - Panama
PY - Paraguay
SP - Spain
TR - Trinidad and Tobago
UK - Great Britain/United Kingdom
US - United States
VE - Venezuela

INDIANA UNIVERSITY LIBRARIES
Latin American & Chicano-Riqueño Studies

BUDGET - PRICE INDEX

FISCAL YEAR:	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82
Higher Education Price Index	100.00	106.50	113.64	n/a	n/a	n/a
% of change over previous yr.	---	*6.50%*	*6.70%*			
Consumer Price Index	100.00	107.10	117.38	132.05	147.77	160.18
% of change over previous yr.	---	*7.10%*	*9.60%*	*12.50%*	*11.90%*	*8.40%*
I.U. Libraries Materials Budget: Index	100.00	104.38	108.55	115.07	136.83	150.51
Total annual appropriation ($)	$1,346,136	$1,405,091	$1,461,284	$1,548,961	$1,841,899	$2,026,090
% of change over previous yr.	---	*4.38%*	*4.00%*	*6.00%*	*18.90%*	*10.00%*
Latin American Materials Budget: Index	100.00	102.45	105.75	110.77	127.74	143.08
Total annual appropriation ($)	$13,000	$13,319	$13,752	$14,440	$16,606	$18,600
% of change over previous yr.	---	*2.45%*	*3.25%*	*5.00%*	*15.00%*	*12.00%*
Latin American Book Prices: Index	100.00	96.09	116.12	123.63	145.38	156.49
Average price per volume ($)	$6.39	$6.14	$7.42	$7.90	$9.29	$10.00
% of change over previous yr.	---	*- 3.91%*	*20.85%*	*6.47%*	*17.59%*	*7.64%*
Latin American Serial Prices: Index	100.00	111.58	123.77	149.40	152.62	167.41
Average price per title ($)	$24.27	$27.08	$30.04	$36.26	$37.04	$40.63
% of change over previous yr.	---	*11.58%*	*10.93%*	*20.71%*	*2.15%*	*9.69%*
Latin American Newspaper Prices: Index	100.00	122.29	147.35	207.42	236.98	264.45
Average price per title ($)	$131.55	$160.87	$193.84	$272.86	$311.75	$347.88
% of change over previous yr.	---	*22.29%*	*20.49%*	*40.77%*	*14.25%*	*11.59%*
Latin Amer. Combined Serials: Index	100.00	114.08	129.28	164.72	172.36	191.60
Average price per title ($)	$29.99	$34.21	$38.77	$49.40	$51.69	$57.46
% of change over previous yr.	---	*14.08%*	*13.34%*	*27.42%*	*4.64%*	*11.16%*
Chicano-Riqueño Materials Budget: Index	100.00	102.47	103.13	108.30	124.53	140.00
Total annual appropriation ($)	$3,000	$3,074	$3,094	$3,249	$3,736	$4,200
% of change over previous yr.	---	*2.47%*	*.65%*	*5.01%*	*14.99%*	*12.42%*
Chicano-Riqueño Book Prices: Index	100.00	106.91	75.18	146.14	109.13	140.05
Average price per volume ($)	$8.54	$9.13	$6.42	$12.48	$9.32	$11.96
% of change over previous yr.	---	*6.91%*	*- 29.68%*	*94.39%*	*- 25.32%*	*28.33%*
Chicano-Riqueño Serial Prices: Index	100.00	138.91	156.90	290.93	234.31	316.04
Average price per title ($)	$7.17	$9.96	$11.25	$20.86	$16.80	$22.66
% of change over previous yr.	---	*38.91%*	*12.95%*	*85.42%*	*- 19.46%*	*34.88%*
Chicano-Riqueño Newspaper Prices: Index						
Average price per title ($)	---	$101.90	$74.28	$92.48	$92.48	$109.00
% of change over previous yr.	---	---	*- 27.11%*	*24.50%*	*0.00%*	*17.86%*

IOWA STATE UNIVERSITY LIBRARY

Most of the data in the Order Department statistical reports are self-explanatory. The fiscal year totals are cumulative amounts from the beginning of the fiscal year in July. Thus, for example, the May, 1983, report covers the eleven-month period from July, 1982, through May, 1983. The June report would cover the entire fiscal year.

The table of non-U. S. books in this particular instance also covers eleven-month periods from July through May in each of the two fiscal years.

This analysis of average book prices permits us to observe price trends over time. We see, for example, that the British approval book prices decreased during the eleven-month period by 9.2%, the U. S. approval book prices increased by 4.5%, while the overall increase for all books purchased was 6.7%. All foreign book prices declined by 14.4%. These statistics are very helpful in budget planning.

June 3, 1983

Iowa State University Library
Order Department Report
Month of May 1983

	Monthly Totals		Fiscal Year Totals		
OKS RECEIVED	No. of Items	Cost	No. of Items	Cost	Avg. Cost/Vo
Blackwell Approval Plan: (British)					
No. of vols. retained	90	$ 2,185.88	1,305	$ 34,261.45	$26.25
No. of vols. returned	4	105.37	33	805.30	
Coutts Approval Plan: (U. S.)					
No. of vols. retained	748	18,469.39	8,079	198,198.52	$24.53
No. of vols. returned	16	384.20	131	4,255.81	
Misc. Blanket Orders.					
No. of vols. received	12	282.48	248	5,358.81	$21.61
Standing Orders:					
No. of vols. received	181	7,672.76	2,824	140,164.76	$49.63
Individual Purchase Orders:					
No. of vols. received	1,720	41,787.68	15,781	399,404.69	$25.31
Totals (excluding returns)	2,751	$70,398.19	28,237	$777,388.23	$27.53
Total no. of new titles received	2,227		23,452		
HER MATERIALS RECEIVED					
Audio cassettes (commercial)	48	$ 330.00	230	$ 1,815.95	
Audio cassettes (locally copied)		-0-		420.95	
Filmstrips (pieces)	-0-	-0-	1,216	9,625.92	
Maps (pieces)	21	58.16	661	1,846.80	
Microfiche (pieces)	1	3.49	2,957	11,163.64	
Microfilms (reels)	5	61.45	419	17,901.21	
Microprints (pieces)	-0-	-0-	1,476	655.60	
Multi-Media Kits	-0-	-0-	-0-	-0-	
Records (pieces)	-0-	-0-	31	250.00	
Slides (pieces)	-0-	-0-	110	61.60	
Video cassettes (commercial)	49	9,100.00	106	26,650.00	
Video cassettes (locally copied)		-0-		633.13	
Total no. of new titles received	50		289		
GRAND TOTAL COSTS		$ 79,951.29		$848,413.03	
CHASE ORDERS					
No. of orders placed	1,330		15,497		
No. of orders cancelled	75		1,028		
SERVE LETTERS					
No. of titles reserved	-0-		123		
No. of titles not available	-0-		24		
No. of titles ordered	5		103		

Iowa State University Library
Order Department Report
Month of May 1982

	Monthly Totals		Fiscal Year Totals		
BOOKS RECEIVED	No. of Items	Cost	No. of Items	Cost	Avg. Cost/Vol
Blackwell Approval Plan: (British)					
No. of vols. retained	144	$ 4,120.54	1287	$ 37,178.73	$28.92
No. of vols. returned	2	63.00	48	1,141.11	
Coutts Approval Plan: (U.S.)					
No. of vols. retained	543	12,280.27	6477	151,581.01	$23.47
No. of vols. returned	13	304.13	170	4,196.88	
Misc. Blanket Orders.					
No. of vols. received	13	365.75	259	5,069.56	$19.12
Standing Orders:					
No. of vols. received	175	6,783.45	2365	105,155.12	$44.92
Individual Purchase Orders:					
No. of vols. received	1605	43,218.62	12039	282,174.02	$22.90
Totals (excluding returns)	2480	$66,768.63	22427	$581,158.44	$25.78
Total no. of new titles received	2100		18010		
OTHER MATERIALS RECEIVED					
Audio cassettes (commercial)	-0-	$ -0-	61	$ 698.68	
Audio cassettes (locally copied)		25.70		581.75	
Filmstrips (pieces)	-0-	-0-	-0-	-0-	
Maps (pieces)	113	453.03	711	2,982.47	
Microfiche (pieces)	413	1,329.75	4015	8,443.93	
Microfilms (reels)	-0-	-0-	84	4,816.66	
Microprints (pieces)	285	104.00	3306	1,426.40	
Multi-Media Kits	-0-	-0-	10	729.55	
Records (pieces)	-0-	-0-	122	1,083.97	
Slides (pieces)	-0-	-0-	222	77.70	
Video cassettes (commercial)	11	1,900.00	78	11,626.15	
Video cassettes (locally copied)		95.70		1,972.90	
Total no. of new titles received	32		212		
GRAND TOTAL COSTS		$ 70,676.81		$615,598.60	
PURCHASE ORDERS					
No. of orders placed	1393		13713		
No. of orders cancelled	124		724		
RESERVE LETTERS					
No. of titles reserved	15		171		
No. of titles not available	-0-		66		
No. of titles ordered	19		79		

IOWA STATE UNIVERSITY LIBRARY

NON-U.S. BOOKS RECEIVED

JULY - MAY

	1981-82		1982-83	
Month	Volumes	Cost	Volumes	Cost
JULY	361	$10,836.54	780	$22,031.34
AUG	404	11,498.84	495	16,614.56
SEPT	438	11,477.68	499	13,376.12
OCT	458	12,792.49	421	12,186.69
NOV	441	12,807.61	660	17,739.77
DEC	504	14,919.52	1739	22,572.67
JAN	632	22,622.09	930	42,838.34
FEB	596	19,161.25	509	16,847.41
MARCH	567	15,805.80	648	16,064.46
APRIL	527	15,910.65	1095	17,743.98
MAY	672	20,243.64	716	20,083.06
TOTAL	5600	$168,076.11	8492	$218,098.40
Average price per volume:		$30.01	Average price per volume:	$25.68

Stanford University

COLLECTION DEVELOPMENT OFFICE
November 1982

Stanford University Libraries
LIBRARY MATERIALS COST STUDY

1981-82

John Rawlings
Paul H. Mosher

November, 1982

LIBRARY MATERIAL COST STUDY

Conclusions and Major Findings

1. World book production output of materials appropriate for Stanford's collections continued once again this year to show no significant growth. While domestic monographs increased 15% this last year, analysis of the data in the Bowker Annual shows that the increases were in areas, like trade paperbacks, which do not affect Stanford's buying patterns.

2. The average cost per title increase of domestic books exceeded 22% in 1981/82, thus bringing to an end the period of levelling domestic book prices. By comparison, the average increase for the 4-year period between 1976/77 and 1980/81 had been only about 6.25%.

3. Science serial subscription costs increased by 16.3% this last year, following a 15.7% increase in 1980/81 and a 23.4% increase the year before. While the rate of increase of science serials subscriptions dropped this year below the cost of domestic monographs, the continued graph of high increases--far above inflation or other library materials--continues to threaten to throw the entire library materials budget seriously out of equilibrium.

4. The general serials average cost/subscription increase was only 1.4%, largely because foreign serial average costs declined for the second year in a row.

5. Thanks to the continued strength of the dollar overseas, the overall average cost of all foreign monographs decreased for the third straight year, with a 4.7% drop in 1981/1982.

6. 1981/82 marks the third straight year of sharply reduced libraries materials expenditures. This moderation is threatened by the sharp increase in cost

of domestic monographs, and if the dollar weakens against foreign currencies during the months ahead, book prices could again rise alarmingly.

7. Government documents cost increases included 13.8% for US Federal documents and 12.29% for foreign documents.

Appendix 4

Library Materials Cost Study

INTRODUCTION

This year's study updates 1981-1982 report with several changes in its approach:

1. Since domestic book prices experienced an alarming rise (over 22%), while foreign book prices continued to decline, we have looked more extensively this year at U.S. publishing than that of major foreign procurement areas.

2. Because of the RLIN failure, and stopgap measures used by Collection Development and Technical Services in the Library to deal with the problems generated by that failure, acquisitions statistics for 1981/82 are unreliable in terms of updating the 15-year acquisitions trends chart presented last year (1981-82 Library Material Cost Study, Table 11). As backlogs are processed, and data sorted out over the coming year, we will be able to bring the table up to date with some degree of accuracy for the 1983/84 study.

3. We have expanded our sample of Latin American materials prices to include the 4 largest of the 11 major vendors used for Latin America. In the past, only the principal one for Argentina was used. While the study of 4 vendors presents an improved picture of Latin American prices, we still await use of the RLIN fiscal module for more complete data for Latin America and for all other elements of this study.

4. Separate sampling methods have been devised for U.S. Federal, state and local, and foreign documents. This is an improvement in reporting, because cost for materials within each area have their own peculiar behavior and characteristics, and these have not been adequately differentiated in the past.

5. The sample used for science serials cost has been enlarged and improved. We intend to use this new sample in the coming years.

6. The book budget is a little like Volkswagen automobile manufacture, in the sense that the basic chassis has remained the same now for some years, while we have worked each year at correcting and improving the more unsatisfactory parts or modules of the vehicle. While we find these improvements worthwhile, they continue to seem to us less satisfactory than the automated data gathering and reporting capacities of the promised RLIN fiscal module. While our need alone should hardly press RLG into final development and marketing of this module, Stanford is joined by other research libraries in feeling that improved management data collecting and reporting is still an urgent desideratum in managing more effectively and economically this very large part of our libraries budget.

7. In the summary cost change data presented as a preface to the Report, maintenance requirement is for the first time calculated on the basis of budget figures rather than expenditures. This is an obvious improvement, and will continue to be the methodology in the future.

We have and will continue to provide basic cost and publishing information, as well as interpretative data that seems useful for analyzing cost, publishing and acquisition trends in any given year or period. We will also note when improvements are made in the reporting or predicting process that we use. The need for such improvements has been emphasized in the number of reports (see for example, the introduction to the 1981/82 Survey for a general statement of this need).

In general, we will scale the thoroughness of our report to our own and provostial informational needs at any particular time, and under any particular set of circumstances. As always, we welcome the assistance of University offices in modelling more effectively our book fund maintenance needs--especially in the area of foreign exchange. Our ultimate goal, as always, is to develop methods for economic collections development planning for the needs of each discrete subject or area.

STANFORD UNIVERSITY LIBRARY

INCREASE IN LIBRARY MATERIAL COSTS, 1981-82

BASED ON THE SURVEY OF LIBRARY MATERIAL EXPENDITURES AT STANFORD

	1981-82 Actual Expenditures	% of Total 81-82 Expenditures	82-83 Budgeted Book Funds	% Change in Average Cost	Maintenance Funds Required
SERIALS					
General (44.2%)	572,079[1]	16.25	544,308	1.40	7,620
Sciences (55.8%)	723,146[1]	20.53	687,991	16.33	112,347
GOVERNMENT DOCUMENTS					
Foreign	116,761	3.31	110,834	12.29	13,622
State and Local	20,400	.58	19,599	18.11	3,549
US and Federal	29,066	.83	27,708	11.53[5]	3,195
International	39,780	1.13	37,846	7.54[5]	2,854
MONOGRAPHS					
Domestic (35.9%)	589,804	16.74	560,928	22.48	126,097
Foreign					
Germany (13.3%)	218,506	6.20	207,814	7.92	16,459
Latin America (10.9%)	179,078	5.08	170,306	(6.00)[2]	(10,218)
Italy (2.4%)	39,430	1.12	37,508	4.99	1,872
Great Britain (10.2%)	167,578	4.76	159,493	(32.06)	(51,133)
France (8.3%)	136,362	3.87	129,757	(24.41)	(31,674)
Other Monographs (19.0%)	312,154	8.86	297,021	10.38[6]	30,831
BINDING	273,651	7.77	287,731[4]	5.00	14,387
OTHER PURCHASES	104,618	2.97	99,849	7.54[5]	7,529
TOTALS	3,431,544[3]	100.00	3,379,083	7.32	247,337

[1] Expenditures exclude document commitments factored in Government Documents.

[2] Reflects an average of data from Argentina, Peru, Brazil and Mexico.

[3] Total 1981-82 expenditures equal $3,431,544, excluding $500,000 for purchase of Garchas Collection.

[4] Actual budget for 82-83.

[5] Average overall increase for all categories, excluding binding.

[6] Average change for domestic and foreign monographs.

PART I--DOMESTIC MONOGRAPHS

Domestic monographs account for about 36% of monographic titles purchased by the library--16.7% of all acquisitions expenditures in 1981/82. This part of the survey is based on purchases of current publications by the library from its principal vendors, and cost data is presented for:

1. Science books (+ 20.4%)
2. University press books (+ 11.7%)
3. Blackwell North America (+ 17.8%)
4. Academic Book Center (+ 63% due to science/techn subsc. shift)
5. Domestic monographs summary (+ 22.5%)

Table 1

Science Books*

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change	Index
1981/82	1949	83,588.42	42.88	20.42	174.3
1980/81	1595	56,803.60	35.61	7.16	144.8
1979/80	1286	42,742.75	33.23	8.77	135.1
1978/79	1845	47,203.30	30.55	23.80	120.1
1977/78	1262	31,137.87	24.67	.003	100
1976/77	765	18,821.92	24.60	3.06	100

*Data supplied by Blackwell North America for Science Approval Plan costs. List price before discount.

Table 2

University Press Books

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change	Index
1981/82	2036	45,261	22.23	11.65	143.4
1980/81	2700	53,745	19.91	5.74	128.5
1979/80	2331	43,892	18.83	12.02	121.5
1978/79	3618	60,834	16.81	8.56	108.5
1977/78	3685	57,064	15.49	<.06>	99.9
1976/77	2743	42,505	15.80		100

University press publications acquired by Stanford are almost entirely in the humanities and social sciences, and their average cost has traditionally been comparable to the overall average cost of non-science monographs. Their cost increase in 1981/82 -- while the second highest in the last seven years -- was moderated by the fact that midway through the year the library switched its university press approval plan from University Press Books (Berkeley) to the Yankee Book Peddler, who offers the largest discount of all library approval vendors (13% postage paid). The effect of this increased discount is apparent in the following table.

University Press Publications Purchased in 1981/82

Vendor	Titles	Average Cost/Title	Change from 80/81 Avg. Cost/Title	
University Press	1,196	23.07	15.87	11.65
Yankee Book Peddler	840	21.03	5.63	

Table 3

Blackwell North America

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change	Index
1981/82	8,506	240,737	28.30	17.77	147.1
1980/81	7,574	181,983	24.03	5.44	124.9
1979/80	9,033	205,836	22.79	11.22	118.4
1978/79	9,285	190,239	20.49	4.76	106.5
1977/78	9,675	208,627	21.56	12.06	112.0
1976/77	8,764	168,601	19.24		100.0

Supplying books of all types and subjects, Blackwell North American has been the library's primary domestic vendor since the failure of Richard Abel and Co. in 1976. The 8,506 books represented in the 1981/82 figures are 80% of the monographs sold to Stanford by BNA in that year, about 68% of the total 15,000 domestic titles purchased from all sources. BNA offers Stanford a 13% discount from list price on approval books, postage not paid.

Table 4

Academic Book Center

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	1,033	33,731	32.65	62.92
1980/81*	1,637	32,808	20.04	24.01
1979/80	1,946	31,441	16.16	4.73
1978/79	2,998	46,264	15.43	1.65
1977/78	2,466	37,249	15.18	<.003>
1976/77	2,358	35,902	15.23	

*Revised from data reported in Nov. 1981 study.

Academic Book Center (Portland) has been for several years the library's third largest domestic vendor, supplying Meyer library books and, increasingly since 1980/81, science and technology books for the research collections. In 1981/82 ABC was used extensively for science and technology orders--the cause of the very large cost/title increase in that year. ABC's average discount on firm orders in 1981/82 was 7.1%. Sci/tech firm orders directed to ABC in 1981/82 would have been largely handled by BNA in previous years:

Table 5

Domestic Monographs Summary

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change	Index
1981/82	11,575	319,729	27.62	22.48	155.0
1980/81	11,776	264,178	22.43	5.84	125.9
1979/80	13,310	281,169	21.12	13.00	118.5
1978/79	15,901	297,337	18.69	<2.40>	104.9
1977/78	15,826	303,120	19.15	7.46	107.5
1976/77	13,865	247,008	17.82		100

Price Forecast

The unavoidable question is why so large an increase in domestic prices? Last year's price study cited cost increase projections of 7.6 to 10% drawn from government, book trade, and vendor sources. However, May, 1982 vendor reports already showed an alarming 19% increase for both science and non-science books. By comparison, preliminary Bowker figures for calendar year 1981 showed an 8.23% average overall increase in the list price of trade hardbacks and a 13% increase for trade paperbacks over calendar year 1980. Final 1981 figures may show higher increases judging from the final reports on several categories--novels, 16.9%; biography, 12.8%; history, 12.4%. However, price increases are substantially higher when calculated through the first two quarters of 1982. For example, comparing average list prices for calendar year 1980 with those of FY 1981/82 using data supplied by BNA's major competitor, Baker & Taylor, the average price increase for all domestic titles (hardcover, paperback, and university press) was 32.9%. (Stanford's average cost/title increase was 5.84% in 80/81 and 21.9% in 81/82.)

If continued, these increases threaten to throw the elements resulting in our relatively modest 1981/82 actual cost rise out of equilibrium next year, and will be monitored with care and concern.

Although a 9% book rate postal increase July 1 effectively increased our cost/title by one-half of one percent or more,* it was the declining unit sales of most categories of books during Jan-June 82 that contributed much more significantly to higher than expected price inflation. Major categories of Stanford's acquisitions--Adult hardbound, Professional and Reference books--displayed unit sale declines from the same period the previous year of 9.6%, 6.1% and 2% respectively (John Dessauer, "Estimated Book Industry Sales", Publishers' Weekly, Oct. 8, 1982, p. 23) John Dessauer, chief analyst of the Book Industry Study Group, points out this inverse relationship between unit sales declines and book price inflation despite, in some cases, respectable dollar gains in total sales. On the other hand, adult trade hardbound books have had significant price inflation along with both dollar and unit sales declines. Perhaps significantly, the category for which Stanford's cost increases were more moderate (though hardly small), University Press books, displayed both dollar and unit sale increases during this same period.* Although inflation has leveled, the recession has contributed to decreased unit sales and increased prices for most categories of books purchased by the libraries.

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*Postal rate increase from 43 to 47 cents for two pounds book rate, average shipping weight of a hardbound book. Postage charges account for about 3% of total domestic book expenditure.

*Dessauer in his "Book Industry Markets, 1975-1984" (Book Industry Reports, 1980) projected price increases for university press books of five percent, lower than the projected 7.4% rate for all domestic books for the period 1981-84. Baker & Taylor Company statistics show the average cost increase of university press books as 14.4% from calendar year 1980 to June '82, 32% for all titles.

Another factor which contributed to the large library cost/title increase in 1981/82 is that the proportion of science books probably increased over previous years. As a rough measure of science book publishing output, domestic new science titles increased over 8% in 1981 from 1980, one of the largest increases among categories of interest to Stanford (see "Publishing Trends" section below). BNA supplied 20% more science titles on its approval plan--without there being major profile changes--in 1981/82 than in 1980/81. However, in addition to publishing factors, there is the RLIN factor. With the RLIN failure, firm order activity was reduced by 25-40% throughout the library. Special searching procedures and arrangements with vendors--like ABC--allowed science ordering to continue somewhat more regularly than non-science ordering, and this combined with the increase in science approval receipts and the decline of all receipts causes us to believe the proportion of science books purchased also grew. With science titles averaging over $42.00 a title and other books $25.00 a title, any increase in the science portion would in itself contribute to an increase in the overall average cost/title. Baker & Taylor Company statistics show the average cost increase of university press books as 14.4% from calendar year 1980 to June '82, 32% for all titles.

U.S. Publishing Trends

Bowker Annual data demonstrate remarkable stability in U.S. publishing output from 1970 to 1980. Some portion of the 15% increase in new titles and new editions reported for 1981 is due to changes in data compilation method-ology made by the Bowker Co. rather than the result of growth in title output:* However, book output did grow in this year. Another indication of publishing output affecting Stanford is the number of titles reviewed and profiled by our major approval vendors, which increased about 6% in 1981/82. BNA approval plan receipts increased by 12%.**

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*See Publishers Weekly (Oct. 1, 1982), p. 48

**Data supplied by BNA. One reason for this increase is that BNA sent more books on approval rather than in form selection. Form selections were reduced by over one-third in 81/82.

Table 6

New hardcover and paperback titles 1960-1980***

Year	Total Titles
1960	15,012
1965	28,595
1970	36,595
1974	40,864
1975	39,372
1976	41,698
1977	42,780
1978	41,216
1979	45,182
1980	42,377
1981	48,793

	Percent Change
1960-65	90.5%
1965-70	26.1
1970-75	9.1
1975-80	7.6
1980-81	15.0

Bowker statisticians indicate that improved reporting procedures for new titles from 1970 may cause some overstatement of the growth of U.S. publishing from 1960-1970 (Bowker Annual, 1981, pp. 342 ff.)

The November 1981 library material cost study reported a leveling and, in some cases, decline of new titles for different subjects of interest to Stanford. While a subsequent reversal of these trends appears to have occurred, it seems unlikely that trade of university press and other scholarly publishing or interest to Stanford will show sustained and significant increases in titles published over current levels in the near future. Nevertheless, we will be looking closely at publishing output and acquisition activity and the adequacy of the current acquisitions levels.

***Includes new editions.

Table 7

Percent Change of New Titles for Selected Subjects

Period	Soc.& Econ	Science	Tech.	Psych	Lit*	All Subjects
1960-65	330.0	135.0	65.0	104.0		90.5
1965-70	82.0	<8.0>	<1.0>	31.0		26.1
1970-75	16.0	34.0	32.0	3.0	<38.3>	9.1
1975-80	8.5	5.7	5.4**	3.2	<11.4>	7.6
1979-80	<7.1>	<1.4>	<2.3>	3.7	<3.6>	<6.2>
1980-81	9.0	8.6	<1.0>	2.5	5.4	15.0

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*history and criticism, not fiction
**1977-1980

PART II--FOREIGN MONOGRAPHS

Foreign acquisitions constituted 64% of all receipts during a survey done in 1981.
This compares with 62.5% share for foreign acquisitions reported in 1976.
Since the establishment of the collection development program and the foreign curatorial offices in the early sixties, foreign acquisitions have probably accounted for between 60 and 65% of all acquisitions in a given year.

Table 8

Library acquisitions by Place of Publication
(grouped into curatorial/vendor areas)*

Place	Receipts, 1981	% of all Receipts, 1976
U.S.	35.9	37.5
Germany, Austria, Switzerland	13.3	13.1
Latin America	10.8	8.4
France & Italy	10.7	7.8
United Kingdom	10.1	13.7
Russia and East Europe	6.0	7.7
Spain & Portugal	2.4	1.0
Benelux	2.0	3.3
Africa	2.0	1.2
Canada	1.9	1.7
Scandinavia	.8	1.1
East Asia	.7	NA
South Asia	.4	NA
Austral-Asia	.3	NA
Middle East	.1	NA
Southeast Asia	.1	.4
Greece	.1	NA

*Acquisitions reviewed did not include about 100,000 depository and non-depository documents. All foreign documents, however, are included.

Last year's study described changes in foreign acquisitions levels over the past fifteen years and outlined the causes.

The acquisitions levels of the past few years should remain adequate in the near future, and the number of titles published, as well as cost, are still down from previous years, though we expect some fluctuation. Continued strength of the dollar abroad and lack of significant increase in new scholarly titles are keys to stable prices in this important area, and we will be watching these indicators closely.

Current Annual SUL Foreign Monographic Acquisitions from Primary Procurement Areas

Place of Publication	Total Titles*
Germany, Austria, Switzerland	6,889
Latin America	5,600
U.K.	5,232
U.S.S.R. and East Europe	4,231
Italy	1,311
Spain & Portugal	1,243

*Average 1979-1982

Foreign Book Costs

Table 9

Germany*

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	4,094	90,978	22.22	7.92
1980/81	3,828	78,825	20.59	<28.98>
1979/80	4,367	126,612	28.99	17.75
1978/79	3,934	96,870	24.62	.57
1977/78	4,137	101,288	24.48	24.52
1976/77	2,227	57,537	19.66	-------

*Price data based on receipts from Otto Harrassowitz.

West Germany is the Western world's leading book publishing country measured by number of titles. It is the library's second largest procurement area after the U.S., and over 13% of all acquisitions in 1980/81 were German, Austrian, or Swiss imprints. The library's primary German-language vendor, Harrassowitz, was also the library's second

largest supplier of non-government document books (it is also the primary supplier of musical scores). Beginning in 1982/83 Harrassowitz has begun to pass on a portion of postage on book shipment because of large increases in German postal rates. Harrassowitz estimates that this will add $4,000 to the cost of books sold to Stanford in 1983/84.

Table 10

Great Britain*

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	2,254	31,669	14.05	<32.06>
1980/81	2,024	41,856	20.68	1.17
1979/80	1,768	36,143	20.44	1.19
1978/79	1,745	35,251	20.20	40.18
1977/78	2,224	32,041	14.14	26.29
1976/77	2,592	29,568	11.41	-------

*Price data based on receipts from Stevens and Brown.

Table 11

France*

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	1,657	21,604	13.04	<24.41>
1980/81	1,939	33,444	17.25	<21.20>
1979/80	2,346	51,364	21.89	<5.07>
1978/79	2,138	49,299	23.06	32.76
1977/78	1,838	31,922	17.37	12.14
1976/77	1,400	21,681	15.49	-------

*Price data from Jean Touzot invoices

Table 12

Italy*

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	561	10,512	16.74	4.99
1980/81	611	10,904	17.85	13.91
1979/80	925	14,496	15.67	7.85
1978/79	1,300	18,888	14.53	8.27
1977/78	1,104	14,817	13.42	5.81
1976/77	924	11,678	12.44	-------

*Price data from Porcellino Invoices.

Table 13

Russia & Eastern Europe

13a. Russian Belles Lettres*

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	605	2,961	4.89	10.88
1980/81	693	3,053	4.41	4.26
1979/80	640	2,709	4.23	3.78
1978/79	526	1,990	3.78	-----

*Data from Four Continents invoices. Prices reflect a 20% dealer discount.

13b. East European Monographs*

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	659	11,046	16.76	5.41
1980/81	256	4,831	15.90	<6.91>
1979/80	507	8,659	17.08	1.55
1978/79	397	6,680	12.82	------

*Data from Kubon and Sagner invoices.

Table 14

Canada*

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	217	3,773	17.37	37.80
1980/81	340	4,291	12.62	5.43
1979/80	477	5,708	11.97	9.72
1978/79	87	949	10.91	-----

*Data from Coutts invoices.

Table 15

Latin America

15a. Argentina (Libreria Del Plata)

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	824	6,534	7.93	<38.14>
1980/81	682	8,741	12.82	<0.85>
1979/80	512	6,618	12.93	1.81

15b. Peru (Iturriaga)

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	160	1,454	9.09	12.50
1980/81	380	3,071	8.08	.03
1979/80	342	2,679	7.85	-----

15c. Brazil (Bach)

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	905	8,316	9.19	13.60
1980/81	1,051	8,507	8.09	<5.81>
1979/80	1,355	11,499	8.56	-----

15d. Mexico (Mach)

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	358	4,100	11.45	16.24
1980/81	477	4,698	9.85	<2.23>
1979/80	466	4,692	10.07	-----

15e. Latin America Summary

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	2,247	20,408	9.08	<6.0>
1980/81	2,590	25,017	9.66	<5.94>

Summary of Foreign Book Prices

Table 16
Foreign Book Price Summary

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change	Index
1981/82	12,294	192,951	15.69	<4.74>	110.4
1980/81	12,281	202,221	16.47	<16.82>	115.9
1979/80	13,694	271,179	19.80	<2.61>	139.3
1978/79	10,663	216,736	20.33	9.35	143.0
1977/78	10,252	188,918	18.43	29.70	129.7
1976/77	9,571	136,051	14.21	-------	100.0

PART III--SERIALS

There are difficulties in calculating average prices for serials. These include vendor services charges which are "hidden" in the subscription costs; the irregular frequency pattern of a number of serials (e.g., monographic series) which affects the calculation of price, and the variety of renewal (subscription periods) and renewal prices involved. Futhermore, there are difficulties in factoring price changes once cost information is calculated, because the make up of all active subscriptions is not exactly known (e.g., breakdown by subject, place of publication, type of serial). Nevertheless, we attempt to gather consistent and reliable data by using large samples and/or monitoring the same vendors and serial titles year after year.

Although below the average spent by most comparable research libraries (50% - 60%) serials, including yearbooks, periodicals, series, etc., (i.e., regularly issued publications without a defined terminal date), have required an increasing dollar amount of library material expenditures.

Table 17

All SUL Serial Continuation Expenditures*

Year	Serials Expenditures	% of All Expenditures (Less Binding)
1981/82	1,383,282	42.6
1980/81	1,219,441	42.6
1979/80	1,007,293	37.4
1978/79	921,284	36.8
1977/78	798,600	36.4
1976/77	802,363	39.3
1975/76	616,224	38.2
1974/75	567,889	37.4
1973/74	454,078	34.8
1972/73	436,367	36.9

*includes both document and non-document subscriptions (excludes backsets and replacements).

To use a now too well-worn phrase, the overall level of serial price increases continues to be alarming. The annual Library Journal American periodical price index report for 1982 (Library Journal, Aug., 1982) reports an overall 14.5 percent increase from the average 1981 price/title, a near record. The average increase has been 13.3 percent in 1981 and 13.7 in 1980. Cost increase percentages for different subjects as reported in Library Journal are reproduced below.

1982	Category	Increase, 1982	1981	1980
1	Zoology	26.4	17	13
2	Home Economics	25.3	13	23
3	Industrial Arts	19.9	15	2
4	Medicine	19.1	2	6
5	Library Science	17.7	1	11
6	Mathematics., etc.	16.4	11	7
6	Philosophy & Religion	16.4	20	12
7	Sociology & Anthropology	16.0	6	4
8	Children's Periodicals	15.7	16	3
9	Psychology	14.7	10	16
10	Agriculture	14.4	9	20
11	Political Science	14.1	3	15
12	Labor & Industrial Relations	14.0	4	1
13	Chemistry & Physics	13.8	7	5
13	Journalism & Communications	13.8	16	8
13	Fine & Applied Arts	13.8	14	22
14	History	13.4	5	21
15	Business & Economics	13.1	8	14
16	Engineering	12.8	13	9
17	Literature & Language	12.1	9	15
18	Education	11.9	19	19
19	Law	11.0	18	17
20	Physical Education & Recreation	9.7	12	10
21	General Interest Periodicals	9.6	14	18

Science and Technology Serials

Stanford's 1981/82 overall cost increase for scientific and technical serials--16.33%--was almost identical to the 16.36% increase reported in Library Journal report for science subjects. (The Stanford sample, however, includes foreign serials while the published price index does not.) Science serials were 55.83% of all serial expenditures in 1981/82 while making up about 25-30% of all current subscriptions.

Table 19

Average Stanford Serial Prices by Science Subject

Science Library	1980	1981	1982
Engineering	122.25	141.64	173.12
% Change	-----	15.86%	22.23%
Physics	288.78	338.29	391.19
% Change	-----	17.14%	15.64%
Chemistry	280.94	324.25	368.69
% Change	-----	15.42%	13.71%
Falconer	169.12	184.95	202.93
% Change	-----	9.36%	9.72%
Mathematics	110.32	129.69	157.74
% Change	-----	17.56%	21.63%

Table 20

Price Summary for
Stanford Science Serials

(Weighted Averages)

Year	Average Cost/Title	% Change
1981/82	232.66	16.33
1980/81	200.06	14.81
1979/80	174.26	-----

General Serials: the Humanities and Social Sciences

Humanities and Social Science serials account for about 44% of all serial expenditures. The method of calculating their cost-increase is not entirely satisfactory because it includes some unknown number of irregular serials and multiple-year subscriptions which can skew data either upward or downward in any given year, and because it also includes some science subscriptions. No alternative method is without drawbacks and all would become obsolete once the RLIN fiscal accounting module becomes available. However, we will pursue the usefulness of other potentially better approaches until that time. As in the past, this year's average costs of different domestic and foreign vendors are combined to give an overall percentage increase of 1.42% for 81/82 as the overall average cost of foreign serials declined for the second year in a row.

Table 21

General Serials: Domestic

Academic Press

Cost/ Year	Percent Titles	Total Expenditures	Total Title	Average Change
1981/82	528	37,696	71.39	<3.15>
1980/81	463	34,128	73.71	16.89
1979/80	500	31,532	60.06	18.96
1978/79	473	25,075	53.01	-

EBSCO

Cost/ Year	Percent Titles	Total Expenditures	Total Title	Average Change
1981/82	1,635	85,347	52.50	8.95
1980/81	1,612	77,224	47.91	2.86
1979/80	1,246	58,043	46.58	41.80
1978/79	1,393	45,762	32.85	14.30
1977/78	1,493	42,904	28.74	<16.36>

Faxon

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	3,295	241,853	73.40	2.95
1980/81	2,760	196,796	71.30	20.05
1979/80	1,428	84,802	59.39	24.01
1978/79	1,567	75,037	47.89	.46
1977/78	1,025	48,859	47.67	.29

Moore-Cotrell

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	1,146	88,922	77.59	12.22
1980/81	1,222	84,483	69.14	12.37
1979/80	1,127	69,348	61.53	16.49

Springer-Verlag

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	244	18,948	77.66	8.80
1980/81	275	19,629	71.38	2.16
1979/80	232	16,210	69.87	3.57
1978/79	223	15,044	67.46	5.42
1977/78	179	11,454	63.99	2.27

Summary

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	6,848	472,766	69.04	6.04
1980/81	6,332	412,260	65.11	13.55
1979/80	4,533	259,935	57.34	23.60
1978/79	5,003	232,068	46.39	21.22
1977/78	2,697	103,217	38.27	<7.04>

Table 22

General Serials: Foreign

Susan Bach (Latin America)

Cost/ Year	Percent Titles	Total Expenditures	Total Title	Average Change
1981/82	55	718	13.05	15.49
1980/81	84	949	11.30	8.86
1979/80	143	1,485	10.38	<8.63>
1978/79	92	1,045	11.36	-

Otto Harrassowitz (Germany)

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	2,066	71,465	34.69	13.22
1980/81	1,597	48,790	30.55	<26.14>
1979/80	1,816	75,104	41.36	5.70
1978/79	1,546	60,491	39.13	5.73

Porcellino (Italy)

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	283	11,677	41.26	21.32
1980/81	301	10,236	34.01	<4.09>
1979/80	275	9,751	35.46	<4.93>
1978/79	225	8,392	37.30	-

Elsevien (N. Holland)

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	80	6,525	81.57	23.22
1980/81	99	6,554	66.20	22.05
1979/80	98	5,316	54.24	<13.78>
1978/79	60	3,775	62.91	-

Stevens & Brown (England)

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	1,532	63,449	41.42	<23.32>
1980/81	933	50,396	54.04	<4.29>
1979/80	919	51,866	56.44	19.40
1978/79	884	40,215	45.49	-

Jean Touzot

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	373	6,748	18.09	<25.43>
1980/81	279	6,769	24.26	17.65
1979/80	274	5,649	20.62	1.83
1978/79	281	5,689	20.25	-

Summary

Year	Total Titles	Total Expenditures	Average Cost/ Title	Percent Change
1981/82	4,389	160,582	36.59	<2.58>
1980/81	3,293	123,694	37.56	<11.25>
1979/80	3,525	149,171	42.32	9.27
1978/79	3,088	119,607	38.73	-

The library lacks adequate place of publication and subject data on current serial subscriptions. Estimates based on receipts data and on a sampling of the serials records file indicate that about 63% of all subscriptions are for foreign titles, 80-85% of which are in the humanities and social sciences.

Table 23

Place of Publication of

Foreign Serials

Place of Publication	% of All Foreign Serials
Great Britain	29
Germany, Austria, Switzerland	20.5
France & Italy	16.6
Latin America	12.8
Netherlands	9.3
Russia and E. Europe	5.4
Africa	5.1
Spain and Portugal	1.3

Table 24

General Serials Price Summary

Year	Total Titles	Total Expenditures	Avg. Price	% Change
81/82	11,237	633.348	56.36	1.42
80/81	9,526	529,400	55.57	9.54
79/80	7,960	405,790	50.73	17.11
78/79	8,031	347,900	43.32	13.20

PART IV--GOVERNMENT DOCUMENTS

Government publications include basic materials for all subjects studied at Stanford. Documents librarians have developed for 81/82 discrete sampling methods for three of the document procurement areas (state and local, U.S. Federal, Foreign) for representing document costs and cost increases rather than relying on gross combined cost figures which have little significance for any particular document procurement area. The sampling procedures used for the special reports on document prices made for 1974/75, 1975/76, and 1979/80 had not proved to be a sound basis for a continuing evaluation; we hope this new approach will prove more useful.

Document expenditures over the last nine years are listed below.

Table 25

Document Expenditures

Year	Total Expenditures	% of all Acquisitions Expenditures (less binding)
1973	82,905	7.0
1974	69,297	5.3
1975	87,094	5.7
1976	126,252	7.8
1977	134,441	6.6
1978	134,218	6.1
1979	--n/a--	---
1980	227,743	8.5
1981	209,591	7.3
1982	206,006	6.3

Several developments and trends which were noted in last year's report increasingly affect the cost of documents:

1. The U.S. Government Printing Office will now be supplying the majority of publication in microfiche, a cost-cutting measure for the GPO. As a result, titles the Libraries decides to acquire in paper rather than fiche on the basis of use will have to be purchased since only the microfiche copy is free on deposit. For example, most census maps will be supplied on fiche: Paper copies of at least California maps will be additionally purchased. Documents libraries try to keep purchase of hard copy to an absolute minimum in such cases.

Like commercial publishers, the GPO is reducing the size of its printings. Out-of-print items are increasingly being purchased from commercial reprint firms at two to three times the cost of the original.

3. The general economic climate is one which fosters cost recovery rather than the free distribution of government publications. The

result will be fewer free or nominal-cost U.S. Federal, State and Local, and International publications.

4. Finally, many countries conducted censuses in 1980. The results of these will be published or otherwise distributed over the coming four to five years, and much of this data will be acquired by the library.

Table 26

U.S. State and Local Documents

Year	Titles	Avg. Cost/Title	% Change
1981/82	60	18.39	18.11
1980/81	65	15.57	

Table 27

U.S. Federal Documents

27a. Monographs

Year	Titles	Avg. Cost/Title	% Change
1981/82	228	3.85	11.53
1980/81	403	3.47	

27b. Serial Subscriptions

Year	Titles	Avg. Cost/Title	% Change
1981/82	202	99.05	17.25
1980/81	200	84.48	11.35
1979/80	198	75.87	

27c. Weighted Average of % Cost Change

(60% monograph expenditure & 40% serial expenditure)

1981/82	13.82
1980/81	-----

Table 28

Foreign Documents

28a. France

Year	Titles	Avg. Cost/Title	% Change
1981/82	94	7.46	14.77
1980/81	46	6.50	

28b. Great Britain

Year	Titles	Avg. Cost/Title	% Change
1981/82	181	22.86	+13.1
1980/81	196	20.22	

28c. Canada

Year	Titles	Avg. Cost/Title	% Change
1981/82	433	8.27	11.51
1980/81	519	7.42	

28d. Japan

Year	Titles	Avg. Cost/Title	% Change
1981/82	126	14.00	-1.1
1980/81	77	14.23	

28e. Italy

Year	Titles	Avg. Cost/Title	% Change
1981/82	120	4.84	-12.0
1980/81	131	5.50	

Summary

Year	Titles	Avg. Cost/Title	% Change
1981/82	11.51	+12.29	
1980/81	10.25	-	

LOCAL JUSTIFICATION USING NATIONAL DATA

ACQUISITION BUDGET REQUEST
1983-84

Submitted to Merrily E. Taylor
November 1982

by
Frederick C. Lynden
Assistant University Librarian
for Technical Services

(Appendices A & B
missing from kit)

Current Situation:

In the past four years under the Swearer administration, there has been a renewed commitment to greater acquisition funds for the library. As can be seen from the chart below, during this period the Library has been able to spend over a $1,000,000 each year for library materials, and library volume acquisitions have finally surpassed the level of ten years before. In the last year ARL Statistics are available, the Library stayed at a ranking of 54 in volumes held after sliding to 57 in 1978/79:

BOOK AND SERIAL EXPENDITURES-BROWN UNIVERSITY LIBRARIES

ARL Ranking	Year	Book & Journal Expenditures	Volumes Received	Average Price
NA	1981/82	$1,523,001	43,073	$35.36
54	1980/81	$1,251,646	40,115	$31.20
54	1979/80	$1,136,000	36,691	$30.96
57	1978/79	$1,029,616	42,632	$24.15
54	1977/78	$ 837,880	39,467	$21.23
52	1976/77	$ 717,001	29,348	$24.43
49	1975/76	$ 864,248	37,088	$23.30
48	1974/75	$ 736,596	37,510	$19.64
47	1973/74	$ 602,053	35,828	$16.80
45	1972/73	$ 645,734	40,417	$15.97

(Source: ARL Statistics, 1972/73 - 1980/81)

When one compares the level of expenditure at Brown in 1972/73 with 1981/82, there has been an increase of 214% which is less than the national average price increase for books and periodicals for college and university libraries:

PRICE INDEX FOR COLLEGES AND UNIVERSITIES
(Index 1967 - 100)

Books and Periodicals

1972/73	1974/75	1976/77	1978/79	1980/81	1981/82	%+
177.0	219.5	267.7	316.2	400.1	432.3	244

(Source: Higher Education Price Index & Research Associates of Washington. See Appendix A.)

Although the libraries have apparently maintained the status quo in this respect, it is important to examine the improvement or lack of improvements in Brown's position relative to other institutions in the last ten years.

Past Ten Years:

In 1972/73, the Brown University Libraries ranked 45 in volumes held, and by 1980/81 the libraries ranked fifty-four. In the past few years, there have been slight improvements. In 1980/81 an overall ARL Index measuring volumes held, volumes added, microforms held, current serials, expenditures for materials and binding, salaries, operating expenditures, professional staff and non-professionals ranked Brown 85 out of 101 libraries compared to 89 out of 99 in 1979/80. It is also interesting to note that there has been an improvement of 2,656 volumes added in 1981/82 compared to 1972/73. When one compares the average annual expenditures for materials for some comparable institutions over the past five years, however, one finds Brown still lagging.

AVERAGE ANNUAL EXPENDITURES FOR MATERIALS
1976/77 - 1980/81

Brown	$ 994,113
Case Western	$ 935,995
Dartmouth	$1,108,904
Duke	$1,812,651
Johns Hopkins	$1,384,710
MIT	$1,076,474
Rochester	$1,239,000

(Source: ARL Statistics 1976/77 to 1980/81)

The University Libraries' average annual expenditure rate over this five year period was the lowest in the Ivy League, and next to the lowest among the institutions compared. The improvements of the last four years have still not caught Brown libraries up with institutions of similar quality and/or populations. Using the latest ARL Statistics (1980/81), the number of subscriptions held at Brown is also the lowest in the Ivy League, and only Rochester and Case Western, among the institutions previously compared, hold fewer titles. In microform holdings, Brown again is the lowest among the seven institutions compared.

The key factor in sustaining Brown's position among ARL Libraries is steady financial support at the inflatioary level or better. As noted above, between 1978/79 and 1979/80 Brown moved from 57 to 54 in its ARL ranking in volumes held and has stayed

there. An improvement in its position in all acquisition categories will require funds for purchases of retrospective materials, current serials, and microforms. The year 1983/84 may be the year to gain some lost ground. Since this year's figures indicate the inflationary trends have slowed, if the library can sustain its support to library acquisitions there is an opportunity in the next fiscal year to fill in lacunae. Of course, the libraries will continue to coordinate their acquisitions with the Research Libraries Group, the Center for Research Libraries, and the Consortium of Rhode Island Academic and Research Libraries. The Library must also strengthen its ties to MIT with intent of promoting more regional resource sharing.

Inflationary Trends:

SERIALS

Although the American national periodical price index (see Appendix B) shows a 14.5% increase in prices from 1981 to 1982, (Library Journal, August 1982), there is strong evidence that library expenditures did not accelerate at that rate. For example, for the first time in ten years, the percentage of serial expenditures from the total Brown acquisition budget dropped to 51%. Two factors contributed to this phenomenon. As our head, Serials/Microform Librarian, Steven E. Thompson explains it:

> ...the single most important factor behind the lower inflation levels is the strength of the dollar abroad. Serials are costing us less and since a sizeable portion of our serials collection is published abroad (an estimated 40 percent), we have benefited considerably...Our Harrassowitz renewal (a German Dealer) was down 12% at the Rockefeller and only up 2% at the Sciences Library. Elsevier (a Dutch Publisher) had prepared an estimate of our costs for their journals that showed a 9.3 percent decline from 1981 prices...An additional factor to consider particularly with regard to German publishers but applicable to Europe in general is an overall drop in the level of publishing activity.

Again, the Higher Education Price Index, which contains a mixture of foreign and domestic titles, showed evidence of a decrease in the previous high rate of inflation. Last year's price increase for serials was 18.5 percent based on data from F.W. Faxon,Inc., the nation's leading wholesale periodical vendor. Its data base includes 150,000 titles as well as historical records for over 25,000 customers. This year's data shows a nine percent increase (see Appendix C). Although Faxon

is primarily a domestic wholesaler its data base includes foreign titles and its university and college average price is used in the Higher Education Price Index:

PRICE INDEX FOR COLLEGES AND UNIVERSITIES
(Index: 1967 - 100)

Periodicals

1972/73	1974/75	1976/77	1978/79	1980/81	1981/82	+ Percent
177.8	238.0	288.2	345.2	467.1	509.0	286

(Source: Higher Education Price Index and Research Associates of Washington)

Not surpisingly, the 12.36% annual increase over the ten year period is very high, but of special interest in the single digit (8.97%) increase from 1980/81 to 1981/82. This decrease in the inflation rate is due in large part to foreign price reductions caused by dollar revaluation. Brown's outlook on price increases for serials was well summarized by the Head, Serials/Microform Librarian:

> Current data on serials price inflation seems to suggest increases ranging from 9 to 15 percent. However, the higher end of the scale reflects mostly domestic price increases, while the composite figures fall in the 10 to 12 percent range. a key ingredient in the composite figures is the continued strength of the dollar.

Using last year's serials expenditures ($775,093), a composite estimate of costs would be as follows:

$775,093	x .40 (foreign)	x	.09=	$27,903
$775,093	x .60 (domestic)	x	.145=	$67,433
	Total			$95,336

or a 12.3 percent increase. A Business Week article predicts a worsening of the exchange rate, particularly the U.S dollar versus the German mark which is expected to gain strength. "Although 1983 forecasts for the key dollar to Deutschemark rate still differ by as much as 30 percent, most corporate and bank economists are pegging the dollar at an average of no lower than 2.2 D-marks for the year. A survey of 380 treasurers, banks, and private forecasters by American Express International Banking Corporation, for instance, pegs the U.S currency at 2.27 D-marks by next June. (Business Week, August 9, 1982)". This 11.3% decline would add almost $13,000 to our Harrassowitz invoice. A

chart from the Elsevier Company, a Dutch publishing company, shows the yo-yo effect of the currency changes (See Appendix D). However, the prices took a noticeable upturn in 1983. In order to protect both against local price increases and currency fluctuations it seems appropriate to request a 14% increase for serials in the next year.

BOOKS

According to the most recent national figures, the average price of U.S. monographs, excluding monographs over $81, rose by 8.6 percent between 1980 and 1981 (preliminary figures from Publishers Weekly ,March 12, 1982). The Higher Education Price Index indicated that there was a single digit inflation for both domestic and foreign books between 1980 and 1981 fiscal years:

PRICE INDEX FOR COLLEGES AND UNIVERSITIES
(Index 1967 - 100)

U.S Books & Foreign Books

	1972/73	1974/75	1976/77	1978/79	1980/81	1981/82	%+
U.S.	173.3	207.6	253.5	296.2	347.3	375.4	216.6
For.	189.2	226.1	278.6	331.5	459.7	487.5	257.6

(Source: Higher Education Price Index & Research Associates of Washington)

The increase between 1980/81 and 1981/82 for domestic books was 8.09 percent, and for foreign books was 6.04 percent, the latter figure being influenced heavily by dollar recovery. The figures from Brown's University Press Standing Order Plan confirm the domestic rate of increase:

U.S. University Presses

	Titles:	Total Cost:	Average Price
1980/81	2,207	$43,580.14	$19.75
1981/82	2,325	$49,810.27	$21.42

Using the Higher Education Price Index, the ten year average annual cost increase for domestic books is almost nine percent. Brown does not have figures for the entire period, but last

year's university press figures above confirm this rate. The Higher Education Price Index showed a cost increase of roughly eleven percent annually for the same ten year period. At Brown the average cost of foreign books declined in 1981/82 due to the strength of the dollar. As noted above, the Library has benefited from the exchange rates but there is no insurance that the dollar will remain strong. The Library therefore recommends a ten percent increase for books.

Acquisition Budget Request:

In 1982/83 the library acquisition budget is made up of the following components:

General Funds	$1,466,025
Endowment Funds	$ 125,000
CRF	$ 70,000
Medical	$ 136,246
TOTAL	$1,797,271

Based on the foregoing estimates, the serials part of the budget will increase at a 14.0 percent per annum rate, and the monographic segment will rise at about 10.0 percent. To calculate the increase necessary, one must first subtract the cost of binding from the 1982/83 general funds:

1982/83 Base	$1,466,025
Allocation for 1982/83 Binding	$ 105,000
Total	$1,361,025

Estimating the proportion of serials costs at 55 percent (an average over the past ten years), the total allocation for serials would be $748,564. With an inflationary factor of 14 percent, the total sum needed for serials in 1983/84 would be $853,363 ($748,564 x 1.14). With monographs rising in cost at 10 percent, the estimated funding required would be $673,707 ($612,461 x 1.10). The total budget for monographs and serials would then be:

Serials	$ 853,363
Monographs	$ 673,707
Total	$1,527,070

To this total must be added the binding cost which are rising at about eight percent per year. Increasing the bindery budget of $105,000 by 8 percent would result in an allocation of $113,400. Thus, the total funds requested would be:

	$1,527,070
+	$ 113,400
Total	$1,640,470

The overall increase in general funds would be $174,445 or an 11.89 percent annual increase for maintenance of library acquisition funds.

Program Improvements:

The figures indicate that library materials inflationary trends have slowed down. As indicated earlier, 1983/84 will be a year when there is an opportunity to fill in lacunae and improve Brown Library collections. The Library can make some gains relative to other ARL institutions in retrospective collections, current serials, and microforms. There are some significant needs in the areas of government documents, preservation, and newspapers which can be filled using microforms.

Government Documents:

There are a number of important subscriptions and sets that the Government Document Department has not been able to purchase from its regular allocation. The Library has a complete index to the Congressional Committee prints, but does not have the set which costs $29,950.00. The collection contains authoritative in-depth background information used for hearings and prepared by committee legal and research staffs, the Library of Congress staff, or by outside consultants. The hearings cover from 1830 through 1969. The set Housing and Urban Affairs includes documents from city, state, and federal governments as well as private agencies. Filmed from the holdings of the Library of the Department of Housing and Urban Development, the collection covers from 1965 -1976 and includes annual supplements to the present. The basic set costs $4,900 and the annual supplements would cost $895 per year or $4,425. Other sets of special interest include:

1) Manuscripts and files of the Paris Peace Talks on Vietnam

$565.00

2) Records of the Joint Chiefs of Staff, Part 1, the Soviet Union, 1942 - 45

$110.00

3) Cointelpro: the Counterintelligence Program of the FBI, 1956-1971

$825.00

4) National Security Council Documents: First Suppl.

$160.00

The total costs of these documents on microform is $40,935, far beyond the reach of the regular document allocation.

Preservation:

Over the past three years, the Library has spent $38,000, $20,000, and $42,000, respectively on preservation but the allocation in 1982/83 is only $15,000. There are a number of priorities:

1) The U.S. Serial Set (Congressional Documents)

Part 6, 58th to 60th Congress, 1903-1909	$11,210.00
Part 7, 61st to 63rd Congress, 1909-1915	$11,270.00
Part 3, 46th to 50th Congress, 1879-1899	$11,625.00
	$34,105.00

The above documents are disintegrating.

2) International Military Tribunal, Nuremburg	$ 432.00
3) U.S. Geological Survey, 1902-1943	$ 1,109.00

Cutter Transfer Titles (most on wood pulp paper)

4) American Mercury, 1925-1964	$ 831.30
5) Century, 1870-1906	$ 467.20
6) Colliers, 1891-1915	$ 467.20
7) Dial, 1880-1929	$ 756.00
8) Eclectic Magazine of For. Lit., 1884-1907	$ 1,778.00
9) Eclectic Review, 1805-1868	$ 1,734.40
10) Galaxy, 1866-1878	$ 286.20
11) Illustrated London News, 1842-1900	$ 1,477.00
12) Knickerbocker, 1835-1865	$ 735.00
13) Lippincotts, 1868-1916	$ 1,117.80
14) Munseys, 1891-1916	$ 998.40

15)	Niles Weekly Register, 1811-1849	$ 1,260.00
16)	North American Review, 1815-1939/40	$ 1,587.10
17)	Sat. Revue of Pol. Lit. (London) 1855-1938	$ 1,820.00
18)	Scribners, 1887-1939	$ 1,040.00
	TOTAL	$16,335.60

The Cutter transfers are older titles which have been moved to Special Collections for security. Many of them are disintegrating. The total cost for preservation would be $51,982.

Newspapers:

The Library is gradually rounding out its coverage of newspapers. It now has film coverage of most papers back to 1960. (Of course, its files of the New York Times and London Times go back to their beginnings in the 1800's and 1700's respectively.) There is still no coverage back to 1960 for three major domestic areas: The Pacific Coast, the Midwest, and the South. The Serials Department recommends the following newspapers on Microfilm:

1)	Atlanta Constitution, 1960-1976	$ 5,629.50
2)	The Chicago Tribune, 1960-1968	$17,595.00
3)	The Los Angeles Times, 1960-1976	$15,561.00
	Total:	$38,785.50

Coverage of these areas will allow students to do research on all aspects of American society from 1960 to the present. The Providence Journal needs to be purchased from its beginnings to 1960, but the R.I. Historical Society Library and the Providence Public Library have it complete on film so that it is not necessary to purchase it immediately.

CONCLUSION:

The supplementary requests amount to a total of $131,703 when one includes Government Documents, Preservation and Newspapers:

Government Documents	$ 40,935
Preservation	$ 51,982
Newspapers	$ 38,786
TOTAL	$131,703

These materials are all on microform and would substantially increase Brown's holdings of microforms, an area where it has ranked low. More importantly, these collections would add to the research capacity of Brown's collections.

To summarize this request:

	1982/83	1983/84
General funds	$1,466,025	$1,640,470
Endowment	$ 125,000	$ 125,000
CRF	$ 70,000	$ 70,000
Medical	$ 136,246	$ 136,000
Supplemental		$ 131,703
TOTAL	$1,797,271	$2,103,173

The overall increase is $305,902 or approximately a 17 percent total increase in the library acquisition budget.

Periodical Prices 1980-1982 Update

Gerald R. Lowell

This comparative price study is an annual update to the three-year price reviews published by the F. W. Faxon Company since 1974. Updates through 1979 were published in the October 1 issue of Library Journal; the 1980 and 1981 reviews appeared in Vol. 5, no. 3 of The Serials Librarian.* Explanatory material contained in this article is similar to that appearing in earlier price studies. The tables and analytical charts appearing in this 1980-1982 review are the same as those published in the preceding studies.

Faxon has computerized access to bibliographic and financial data on over 150,000 titles, as well as historical purchasing records for over 25,000 customers. This data can be sorted and manipulated in numerous ways, providing valuable financial reports for the serials manager. The various tables that follow reflect the utility of these programs, which can be used to analyze general price information on serial and periodical titles and customer purchasing/invoicing patterns for these titles.

The information gleaned from these tables can be used in conjunction with each library's unique serials collection purchasing data to arrive at realistic budget projections, allocations, and the like. The nature of a specific collection is significant. The subject disciplines of the titles acquired, the number of foreign titles purchased, and the size and type of institution itself will also greatly affect the fiscal characteristics of the individual collection.

Given that Faxon has purchasing data for a large number of individual libraries, weighted price information can also be provided for various categories of titles, such as those indexed in Physics Abstracts, or those containing a specific Library of Congress subject classification. This weighted average price takes into consideration the number of subscriptions placed for specific titles within a given category, thereby providing a more accurate picture of yearly costs for the titles contained in each category. To determine the weighted average price for a specific category, the number of subscriptions placed through Faxon for each title is multipled by its one-year subscription rate. The results are then added together and divided

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*Price studies for 1974-1980 were compiled by F. F. Clasquin; the 1981 price study was compiled by Gerald R. Lowell.

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by the total number of subscriptions for all titles within that category. Therefore, prices for titles that have no activity (subscriptions) have not been used in the calculation of the weighted average price, while they have been incorporated into the calculations for average price.

The percent increases for average prices paid by colleges, universities, business, government and hospitals dropped significantly this year compared to the range of increases experienced for the past several years. The strength of the U.S. dollar compared to various other currencies is most likely the primary factor behind this dynamic reversal of 1981 trends, especially for institutions with scientific, technical, and medical titles. Average prices paid by colleges and universities for 1982 was $73.89, an increase of 9% over 1981. Comparable figures for 1981 were $67.81 and 18.5%. The percent increases for business libraries were even lower; the 1982 percent increase for these libraries was 5.9%, a substantial drop from the 15.1% increase experienced the previous year. Even with this low percent increase, the average price paid by business libraries for 1982 was $92.36.

In 1982, libraries continued their deselection activities and tighter collection development control begun several years earlier. In many cases, percent increases for weighted prices for various categories of material contained in the tables are significantly less than the percent increases experienced by the average prices for these same categories of material. This was especially true for scientific, technical and medical materials.

Explanations

Table 1. Classification of titles by subject categories offers a convenient and useful framework for price studies. Price analysis on the titles contained in the Faxon Title File and listed by 36 different abstracting and indexing services are given in Table 1. Column 1 lists the number of prepaid titles listed in each specific abstract or index; Column 2 reflects the number of bill-later titles; Columns 3 and 4 contain the average one-year price and weighted average one-year price for the prepaid titles. Price data in Columns 3 and 4 may be significantly affected by the number of bill-later titles reflected in Column 2. The data should be used with caution if there are large numbers of bill-later titles within a given abstracting and indexing tool.

Table 2. Reflected in Table 2 are percentages of breakdowns within periodical price ranges by total subscriptions processed, as well as total dollar expenditures for all public and college/university libraries serviced by Faxon.

Table 3. Long-term rates for titles contained on Faxon's Title File and indexed in The Readers' Guide to Periodical Literature continue to be offered by publishers at the same percentage as in earlier years. Utilization of such long-term rates provide substantial savings over usage of one-year rates.

Table 4. This table indicates the average price per title paid by various libraries as categorized by Faxon. Primary, junior high, and high schools were the only institutions experiencing higher average price percent increases over prior year for 1982 than 1981. The 1982 average price for primary schools rose to $24.18, an increase of 12%. The 1981 increase for this same category was 8%. The 1982 average price for junior high and high schools was $27.82, a substantial increase of 23% over 1981 and its increase of 12% over the prior year. As mentioned earlier, all other institutions experienced a decline in the percent increase for average prices for 1982 when compared with the percent increases for 1981 average prices.

Table 5. Faxon Title File provides comparative price data showing the number of rate and title category changes during the last fiscal year. Seventy-six percent of the titles on the Faxon Title File maintained previous years' rates, while over 12% of the titles reflected rate increases, and 3% of the titles showed rate decreases.

Table 6. Using customer invoice data for four selected Faxon library categories, Table 6 shows the average price paid by each category based on the total number of titles invoiced within that category.

Table 7. By looking at the publisher remittance address on the Faxon Title File, price data can be generated for domestic and foreign titles. Combining this information with data extracted from Faxon Customer File, we find that the 1982 average price for domestic titles rose 15.1% over the 1981 price, but the weighted average price increased only 11.8% during the same time period. This year's foreign price data is extremely significant. The 1982 weighted

price of foreign titles rose by 6.1% over 1981's price, considerably lower than the prior year's 12.1%. The increase in the average price of a foreign title was also lower than the previous year's: 7.5% compared to 11%. The weighted price for foreign titles continues to be higher than the average price, a trend not present for domestic titles. The decline in the weighted and average price increases for foreign titles, when compared to previous years, is attributed primarily to the strength of the U.S. dollar.

Table 8. Using the initial prefix of the Library of Congress classification code that is contained as one of the bibliographic elements for each title record on the Faxon Title File, Table 8 provides selected subject classification analysis of price data for sixty different classifications.

Several significant trends occurred in 1982, as displayed by the data in Table 8. First of all, the most significant percentage increases for weighted and average prices occurred in social science categories as well as the anticipated hard sciences classifications. The following classifications experienced more than 20% increases for 1982 average prices when compared to 1981 average prices: F-History, America (21%); HC-Economic History and Cond. (22%); HE-Transp. & Communication (21%); QA-Mathematics (28%); QD-Chemistry (25%); QH-Natural History (25%); and QR-Microbiology (29%). However, none of these categories had weighted prices that increased over 20%. The following classifications experienced more than 20% increases for 1982 weighted prices when compared to 1981 weighted prices: BX-Denominations & Sect. (34%); J-Pol. Sci., Pol. Doc. (23%); QL-Zoology (22%); TL-Motor Vehicles Aero. (34%).

A second significant trend displayed by Table 8 data is evident when comparing average and weighted price percent increases for 1982 with those experienced in 1981.

The following numbers indicate how many of the sixty different subject classifications had average and weighted price percent increases for 1982 that were higher than, lower than, or the same as corresponding percent increases for 1981.

	Average Prices	Weighted Prices
No. of subj. classifications with 1982 percent increases that were higher than 1981 percent increases	32	8
No. of subj. classifications with 1982 percent increases that were lower than 1981 price increases	23	47
No. of subj. classifications with 1982 percent increases that were the same as 1981 percent increases	5	5

These comparisons clearly indicate that the library community's purchasing patterns continue to reflect tight control over acquisitions and increased deselection compaigns.

NOTE: Table 9 appeared as part of the 1980 and 1981 price studies, containing weighted prices for selected non-profit and commercial publishers' titles. Table 9 has not been published this year and will not be continued in the format presented in the 1980 and 1981 studies.

TABLE I

Price Comparison Chart -- July-June, 1980-1982

Subject Authority	Column 1 Total No. of Titles Priced			Column 2 Total No. of Bill-Later Titles			Column 3 Average 1-Year Price per Title			Column 4 Weighted Average Price Per Title		
	80	81	82	80	81	82	80	81	82	80	81	82
AM Applied Mechanics Reviews	1047	1073	999	111	137	244	128.54	148.67	170.04	116.45	136.70	151.34
ST Applied Science & Technology	649	657	634	52	66	105	60.80	72.31	83.17	48.40	57.08	63.92
AI Art Index	223	232	192	31	34	80	35.53	38.97	41.36	27.04	31.59	34.43
BA Biological Abstracts	5093	5224	4406	735	818	1768	87.62	100.27	115.17	84.87	100.47	110.52
BI Biological & Agric. Index	281	285	278	32	35	47	91.95	106.25	113.81	76.07	90.19	101.18
BP Business Periodical Index	519	577	559	34	42	92	36.38	39.94	46.32	29.92	33.96	37.78
CP Catholic Per. & Lit. Index	131	135	130	11	8	14	14.88	16.69	17.87	15.48	17.27	18.53
CA Chemical Abstracts	2053	2135	1954	239	276	538	175.72	198.24	222.21	166.76	194.93	214.53
CL Current Contents-Clin. Pract.	976	1070	1087	20	18	46	65.06	76.19	81.82	48.05	56.07	62.36
JE Current Index to Jrls. in Ed.	826	855	829	85	97	151	27.73	31.54	36.34	26.05	29.60	33.26
ED Education Index	360	363	337	45	49	80	24.95	27.78	31.57	22.43	25.33	28.67
EN Engineering Index	2007	2019	1885	193	277	488	102.88	117.00	129.11	99.60	114.42	122.60
HL Hospital Literature Index	1357	1475	1441	76	96	205	58.05	69.66	75.78	40.00	48.38	53.64
HU Humanities Index	293	294	276	53	54	74	23.61	27.65	29.99	21.27	25.07	27.50
ME ISMEC	260	258	260	58	69	76	94.24	111.74	119.25	93.43	109.33	115.51
IC Index Chemicus	163	174	165	7	8	24	214.42	241.80	276.78	170.92	202.54	219.68
IM Index Medicus	3025	3247	2976	236	282	673	98.47	111.50	124.26	83.77	98.35	107.93
DL Index to Dental Literature	1589	1664	1596	123	140	273	107.22	121.83	128.47	93.75	110.74	118.78
LP Index to Legal Periodicals	396	398	376	9	21	50	18.59	19.90	21.30	22.20	23.25	25.16
LL Library Literature	204	206	201	13	17	33	28.38	32.36	37.74	28.71	33.91	39.11
MR Mathematical Reviews	1053	1076	959	150	172	313	156.45	175.16	202.87	138.62	164.95	183.47
MU Music Index	227	229	191	86	92	139	25.86	28.60	31.93	21.29	22.57	23.37
NL Nursing & Allied Health Lit.	226	232	240	13	21	27	22.35	24.80	28.37	23.05	25.97	28.91
OA Oceanic Abstracts	204	206	194	25	28	48	98.70	109.39	123.34	85.45	96.04	112.06
PA PAIS	1494	1570	1498	374	424	601	37.76	42.06	46.75	30.26	35.03	38.77
PH Pharmaceutical Abstracts	406	435	441	38	39	54	61.54	71.73	77.09	47.49	55.57	64.26
PI Philosopher's Index	279	283	252	45	48	86	30.00	32.32	34.10	28.02	31.81	35.13
PY Physics Abstracts	769	816	789	70	92	176	201.19	221.59	251.36	184.88	215.09	245.18
PO Pollution Abstracts	244	253	238	29	37	57	88.42	104.22	118.75	80.96	94.08	106.60
PS Psychological Abstracts	970	983	934	114	145	221	52.75	63.55	70.78	43.31	52.01	55.59
RG Readers' Guide to Per. Lit.	363	377	345	23	27	73	35.00	38.33	44.39	18.54	20.03	22.33
RP Religion Index One: Periodicals	264	276	255	27	26	49	19.13	21.42	22.46	21.57	25.98	26.60
SC Science Citation Index	3586	3770	3710	213	291	544	145.85	164.48	180.01	111.98	132.34	143.31
SS Social Sciences Citation Index	1834	1893	1866	159	194	300	51.25	59.54	70.78	36.30	42.18	47.03
SI Social Sciences Index	399	411	386	77	83	119	39.05	47.68	55.66	32.87	39.14	43.55
SA Sociological Abstracts	1315	1315	1216	226	256	381	38.48	42.61	48.52	33.09	38.11	42.63

TABLE II

	Public Libraries						College & University Libraries					
	Percent of Total Subscriptions Processed			Percent Total of Expenditure			Percent of Total Subscriptions Processed			Percent Total of Expenditure		
Periodical Price Range	7/79 6/80	7/80 6/81	7/81 6/82	7/79 6/80	7/80 6/81	7/81 6/82	7/79 6/80	7/80 6/81	7/81 6/82	7/79 6/80	7/80 6/81	7/81 6/82
Less than $3	1.2	1.1	.8	.15	.12	.08	.5	.4	.3	.03	.02	.01
$3 to 3.99	2.0	1.3	1.1	.36	.22	.16	1.0	.7	.5	.07	.04	.03
$4 to 5.99	9.1	6.2	4.4	2.46	1.53	.94	3.1	2.5	2.0	.34	.23	.16
$6 to 9.99	23.6	21.2	18.6	8.35	6.83	5.56	10.3	8.2	6.6	1.74	1.18	.89
$10 to 14.99	17.1	18.6	19.5	8.66	8.38	7.90	14.4	13.0	12.0	3.51	2.70	2.29
$15 to 19.99	12.8	12.2	11.3	8.96	7.62	6.03	12.3	11.4	11.1	4.08	3.23	2.88
$20 to 29.99	13.5	16.0	17.0	12.77	13.92	13.38	18.2	17.7	17.0	8.44	7.08	6.22
$30 to 49.99	11.4	12.1	13.4	16.56	15.66	15.13	17.2	18.4	20.5	12.48	11.44	11.67
$50 to 74.99	6.0	5.3	6.1	9.90	10.82	11.04	12.3	9.8	10.4	9.40	9.53	9.28
$75 to 99.99			2.1	5.27	5.07	6.46			5.0	6.67	6.26	6.26
$100 to 149.99	2.1	3.8	2.2	6.32	7.34	7.62	6.1	9.4	5.2	9.16	9.15	9.34
$150 to 199.99			.9	4.21	4.32	4.50			2.5	6.62	7.05	6.26
*$200+	1.2	2.3	1.9	16.03	18.17	21.16	4.6	8.5	6.9	37.46	43.09	44.68
Average Price				29.98	33.93	38.20				57.23	67.81	73.89

*Includes Biological Abstracts and its Cumulated Index, and Chemical Abstracts. These three titles could use over 17 percent of a $50,000 budget.

TABLE III

READERS' GUIDE TO PERIODICAL LITERATURE

Year	Number of Titles 3-Yr. Rates	2-Yr. Rates	1-Yr. Rates	Average Weighted Price Per Title All at 1-Yr. Rates	Average Weighted Price Per Title* Long Term Rates if avail.
1975	108	23	30	$11.79	$25.46
1976	106	27	30	$12.64	$27.45
1977	104	28	32	$13.72	$29.81
1978	131	27	50	$14.19	$31.49
1979	174	36	87	$16.52	$38.38
1980	168	37	88	$18.08	$41.02
1981	149	52	128	$19.56	$44.72
1982	158	53	132	$22.05	$49.94

*Long term rates (usually 3 years) are approximately 2.2 times the 1 yr. rate-an historical average.

TABLE IV

Average Price Paid by Institutions, July 1975-June 1982

	Colleges & Universities		Hospitals	Jr. High & High Schools	Primary Schools	Public Libraries	Special Libraries (Gov't)	Special Libraries (Business)
07/75-06/76	38.94		46.20	14.71	14.27	21.61	53.10	50.45
07/76-06/77	41.85		47.75	16.42	16.15	23.54	56.48	56.03
07/77-06/78	45.14		53.16	16.67	16.31	24.59	59.99	59.60
07/78-06/79	50.11		57.90	18.34	18.00	26.46	63.55	67.52
07/79-06/80	57.23		62.85	20.17	19.99	29.98	80.74	75.74
07/80-06/81	67.81	8.96%	72.06	22.67	21.59	33.93	95.44	87.19
07/81-06/82	73.89		79.43	27.82	24.18	38.20	104.79	92.36

81

82

TABLE V

TITLE & RATE DATA FOR 1980-1982

	July 1980/June 1981	July 1981/June 1982
Titles maintaining previous year's rate	85,002	104,103
Titles increasing in rates	18,304	17,287
Titles decreasing in rates	1,211	4,150
Titles becoming discontinued	753	885
Titles becoming order direct	153	191
Titles becoming bill laters	8,505	10,122
Titles becoming temporarily suspended	339	667

Number of titles on file for fiscal year 1980-81: 137,405
Number of titles on file for fiscal year 1981-82: 149,347 - an addition of 11,942 titles

TABLE VI

Average Price Based on Number of Titles Invoiced, July 1981-June 1982

Number of Titles	University & College Average Price*	Hospital Average Price	High School Average Price	Public Library Average Price
2,000-plus	38.89	--	--	--
1,500-1,999	51.46	--	50.82	54.98
1,000-1,499	70.86	71.13	--	55.54
750- 999	86.30	107.75	--	41.60
500- 749	81.65	118.22	88.32	68.57
300- 499	72.04	93.73	40.08	45.23
201- 299	63.42	76.18	29.62	35.10
151- 200	63.74	70.43	22.61	35.72
101- 150	69.28	63.88	27.77	35.84
76- 100	77.31	63.33	28.74	32.04
50- 75	76.95	70.20	26.16	27.78
20- 49	76.34	71.59	24.59	28.64

TABLE VII

PRICE COMPARISON CHART

	Domestic Titles--1 Yr. Rate			Foreign Titles--1 Yr. Rate		
	1980	1981	1982	1980	1981	1982
No. of Titles	27,233	30,739	26,746	13,236	14,624	13,326
Weighted Price	47.97	55.48	62.03	102.31	114.71	121.71
Average Price	56.97	62.87	72.37	67.19	74.56	80.12

Note: A foreign published title having a remittance address in the U.S. is considered domestic in the present system. Pergamon, Gordon Breach, Elsevier, 4 Continents (Russian Journals), all translated journals -- Plenum, American Institute of Physics.

TABLE VIII
Selected Subject Classifications

LCC Code		No. of Priced Titles			Average 1 Year Price			Weighted Price		
		1980	1981	1982	1980	1981	1982	1980	1981	1982
AN	Newspapers	1400	1473	1410	105.76	114.51	117.32	89.44	105.26	114.96
AP	Periodicals-Gen'l.	552	542	498	31.76	35.26	37.93	22.12	24.68	26.19
B	Philosophy-Gen'l.	1219	1232	1028	28.02	29.53	30.02	34.22	39.41	42.89
BF	Psychology	312	318	257	50.18	54.39	61.10	49.32	57.18	62.79
BX	Denominations & Sect.	245	247	222	13.83	14.96	17.04	14.27	16.02	21.39
D	History-Gen'l. & Old World	977	1007	738	33.94	36.20	42.15	33.95	37.78	41.82
DS	History-Asia	314	326	228	28.47	29.77	34.59	28.55	32.46	34.56
E	History-America, Gen'l.	252	255	184	16.69	19.52	18.41	19.51	21.41	21.31
F	History-America	440	439	347	15.36	17.49	21.13	17.17	18.15	20.56
G	Geography-General	940	958	772	27.55	31.07	34.27	26.23	31.24	33.16
GV	Recreation	482	489	424	15.20	16.81	19.16	18.43	19.57	20.94
H	Social Sciences-Gen'l.	4087	4127	3457	56.08	60.97	67.58	39.33	44.55	49.16
HB	Economic Theory	158	170	144	55.39	59.61	68.64	46.46	55.12	62.40
HC	Economic History & Cond.	370	364	308	66.38	74.50	90.98	41.83	47.33	53.29
HD	Land Agric. & Industry	840	850	714	53.32	57.54	55.49	38.53	43.22	46.39
HE	Transp. & Communication	292	303	263	49.20	56.32	68.35	55.23	62.98	71.83
HF	Commerce	784	797	673	53.26	57.20	65.21	28.97	32.92	37.60
HG	Finance	506	510	425	110.80	119.76	131.46	78.86	83.59	87.13
HJ	Public Finance	78	74	58	65.20	57.75	61.34	38.71	43.98	49.14
HM	Sociology-General	167	166	130	33.83	37.77	41.78	39.10	46.54	49.28
HQ	Social Groups	161	153	134	23.65	26.81	29.29	27.59	30.71	35.24
HV	Soc. & Pub. Welf. Crim.	318	329	288	28.76	32.51	36.89	29.10	35.10	38.18
J	Pol. Sci.-Pol. Doc.	526	524	410	37.07	40.73	41.51	35.48	39.16	48.11
K	Law	751	891	791	42.92	41.90	41.88	27.76	30.69	31.60
L	Education-General	1002	992	833	24.65	28.28	30.64	21.50	24.36	26.42
LB	Theory & Prac. of Educ.	489	481	398	26.05	30.10	33.45	21.63	24.34	26.94
ML	Literature of Music	279	283	200	22.66	24.97	20.01	24.48	27.01	19.44
N	Fine Arts-Visual Arts	463	461	361	31.29	33.78	35.85	25.24	29.35	31.11
P	Philolog & Ling.	1551	1568	1172	22.02	23.64	23.48	20.63	23.73	23.77
PN	Lit. Hist. & Coll.-Gen'l.	582	590	467	19.66	21.45	23.18	18.36	20.90	21.28
Q	Science-General	4357	4370	3379	137.88	153.49	181.10	144.43	168.95	187.91
QA	Mathematics	606	629	460	93.16	102.36	131.02	99.45	114.79	128.87
QB	Astronomy	115	112	96	109.74	117.87	138.31	103.82	118.52	128.85
QC	Physics	772	762	668	199.47	220.27	239.87	201.12	242.76	264.42
QD	Chemistry	561	564	406	231.66	252.54	315.72	273.75	307.80	360.57
QE	Geology	296	301	205	78.59	87.27	92.71	92.06	107.68	106.07
QH	Natural History	533	533	404	123.40	144.08	180.32	149.66	172.55	198.19
QK	Botany	195	189	140	76.61	85.51	100.62	84.13	106.08	114.87
QL	Zoology	385	384	310	69.12	77.66	89.07	69.33	84.99	103.53
QP	Physiology	333	336	257	186.65	208.60	229.26	199.34	228.01	259.63
QR	Microbiology	166	167	124	130.22	156.58	202.54	145.55	175.62	213.93
R	Medicine-General	2800	2811	2394	62.87	70.09	79.86	52.78	60.49	66.86
RA	Pub. Aspects of Med.	333	320	272	53.48	58.41	65.22	46.56	61.95	66.61
RC	Internal Medicine	781	781	659	63.26	70.63	82.76	55.92	62.85	70.47
RD	Surgery	204	212	177	65.76	73.28	81.70	50.17	56.66	62.77
RK	Dentistry	153	162	147	25.21	27.95	31.32	35.16	41.43	45.29
RM	Therapeutics Pharm.	208	210	171	89.22	103.81	123.41	75.62	90.97	100.06
RT	Nursing	117	125	112	22.17	25.24	29.68	20.45	24.18	28.06
S	Agriculture-Gen'l.	1104	1117	994	38.89	43.47	46.28	38.70	49.20	52.73
SB	Plant Culture	307	299	259	45.22	50.59	53.99	48.14	65.99	67.56
SF	Animal Culture	321	327	293	40.51	45.39	46.81	40.50	51.35	53.95
T	Technology-Gen'l.	3636	3672	3181	73.87	83.93	93.88	50.79	61.36	68.60
TA	Gen. & Civil Eng.	412	423	337	81.16	90.49	98.18	75.71	98.91	108.09
TJ	Mech. Eng. & Mach.	360	360	342	112.42	130.22	134.01	86.40	100.44	101.69
TK	Elect. Eng. Nuc. Eng.	539	540	485	84.34	98.17	114.57	67.30	75.75	81.61
TL	Motor Vehicles Aero.	261	257	221	52.49	60.10	70.51	30.43	35.12	46.99
TP	Chemical Technology	527	533	457	85.60	92.62	99.74	70.61	84.31	92.84
TS	Manufactures	339	342	299	50.48	58.60	61.08	41.85	49.83	52.44
TX	Home Economics	169	173	152	39.19	41.01	46.64	25.99	27.80	31.13
Z	Biblio. Lib. Sci.	1273	1270	898	93.67	103.95	121.48	64.94	76.55	82.26

Elsevier Science Publishers

August 1981

APPENDIX D

SELECTED JOURNAL PRICE COMPARISONS: 1981, 1982, 1983

Journal	1981 Price	1982 Price	1983 Price
Analytica Chimica Acta	$942.00 (11 vols)	$814.00 (11 vols)	$880.00 (11 vols)
BBA/Full	$3231.00 (45 vols)	$2649.00 (43 vols)	$2822.00 (42 vols)
Chemical Physics	$1145.00 (11 vols)	$810.00 (9 vols)	$882.00 (9 vols)
Clinica Chimica Acta	$808.00 (9 vols)	$691.00 (9 vols)	$750.00 (9 vols)
Earth and Planetary Science Letters	$456.00 (5 vols)	$400.00 (5 vols)	$430.00 (5 vols)
European Journal of Pharmacology	$757.00 (9 vols)	$655.00 (9 vols)	$714.00 (9 vols)
FEBS Letters	$1063.00 (14 vols)	$902.00 (14 vols)	$980.00 (14 vols)
Journal of Crystal Growth	$1072.00 (5 vols)	$940.00 (5 vols)	$1030.00 (5 vols)
Journal of the Less-Common Metals	$745.00 (7 vols)	$585.00 (6 vols)	$681.00 (6 vols)
Journal of Non-Crystalline Solids	$655.00 (6 vols)	$564.00 (6 vols)	$612.00 (6 vols)
Journal of Nuclear Materials	$1145.00 (9 vols)	$880.00 (8 vols)	$840.00 (7 vols)
Journal of Organo-metallic Chemistry	$1806.00 (20 vols)	$1360.00 (17 vols)	$1608.00 (17 vols)
Journal of Radioanalytical Chemistry	$813.00 (7 vols)	$760.00 (8 vols)	$616.00 (5 vols)
Marine Geology	$532.00 (6 vols)	$456.00 (6 vols)	$492.00 (6 vols)
Materials Science and Engineering	$581.00 (5 vols)	$500.00 (5 vols)	$581.00 (5 vols)
Nuclear Physics/Full	$3195.00 (35 vols)	$2896.00 (37 vols)	$3136.00 (37 vols)
Optics Communications	$406.00 (4 vols)	$440.00 (5 vols)	$384.00 (4 vols)
Surface Science/Full	$1798.00 (17 vols)	$1744.00 (19 vols)	$1704.00 (17 vols)
Tectonophysics	$862.00 (10 vols)	$760.00 (10 vols)	$800.00 (10 vols)

Please note that the definitive prices for these journals are in Dutch guilders and Swiss francs. The above US dollar prices for 1983 are valid as of September 1, 1982, but may be subject to future fluctuations in the exchange rate.

UNIVERSITY OF CALIFORNIA
OFFICE OF THE ASSISTANT VICE PRESIDENT--LIBRARY PLANS AND POLICIES

Materials Used in Preparing University of California's Estimate of Price Increase Funding Needs for Library Materials

1. Attachment I is a form completed by each UC campus library and submitted each year to the Office of the Assistant Vice President--Library Plans and Policies. It is for the purpose of estimating how book funds are being spent in the base budget year to meet the needs of UC's instructional and research programs. As indicated on the form expenditure data is provided by type of material being purchased, i.e., monographs, subscriptions, and serial services; and, within these categories, the campuses estimated expenditures by subject classification. The categories of materials and subject classifications correspond to the national price indices data reported each year in Bowker's Annual. In addition, Library of Congress subject classification codes are used for each subject area in order to insure that the libraries are uniformly classifying book expenditures.

   It is recognized that assembly of this information by the campuses is based on estimates to a significant extent. Nevertheless, it provides a base from which price increase needs can be estimated for the target budget year.

2. Attachment II lists the average annual price increase (geometric mean or compound average) by subject area for monographs, subsriptions, and serial services as reported in Bowker's Annual over a three-year period (see Column 3). The average annual price increase percentage serves as the primary estimate for UC campus price increase needs as applied to base year expenditure patterns.

3. Attachment III represents the worksheets which result from the data reported on Attachments I and II. To illustrate the application of the data, UC Riverside's inflation needs for monographs in agriculture are summarized as follows:

   (a) 2% of UCR's monographic budget is for agriculture (.02 x $944,483 = $18,890).

   (b) The three-year compound price increase for monographs in agriculture is 16% (.16 x $18,890 = $3,022).

4. Attachment IV is a summary sheet of UC's estimated inflation needs for 1984-85. It is derived from the data reported on Attachments I, II, and III.

Attachment I

Date Prepared April 14, 1983 Riverside Campus

Library Book Price Increase Justification

	1982-83 Percent (1)
I. Monographs, Subscriptions and Serial Services (2)	
A. Percent of Total Book Budget for Monographic Acquisitions. (3)	51%
B. Percent of Total Book Budget for Subscriptions. (4)	40%
C. Percent of Total Book Budget for Serial Services. (5)	9%

II. Subject Breakdown

A. Percent of Monographic Budget for Acquisitions in the Following Areas:

		LC Class	
1.	Agriculture	S	2%
2.	Art	N	4%
3.	Business	HF	1%
4.	Education	L	2%
5.	General Works	A	1%
6.	History	C,D,E,F	15%
7.	Home Economics	TX	0%
8.	Language and Literature (6)	P-PN 1551;PN 3311-PZ	26%
9.	Law	K	1%
10.	Medicine	R	2%
11.	Music	M	5%
12.	Philosophy, Psychology	B-BJ	4%
13.	Drama (Performing Arts & The Drama)	PN 1560-3299	1%
14.	Religion	BL-BX	4%
15.	Science and Technology (7)	Q, T-TT	14%
16.	Sociology, Economics	HM-HX; HB-HE; HG-HJ	9%

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(1) Round to the nearest whole percent.

(2) All expenditures regardless of format should be accounted for in Items A., B., C. below; e.g., microforms, maps, recordings, non-print media may be either Monographs, Subscriptions or Serial Services and should be recorded in the appropriate category. The total should equal 100 percent of library materials expenditures from budgeted book funds.

(3) Includes monographic series.

(4) Includes periodicals, newspapers, annuals and memberships. Monographic series, serial backfiles and sets should be included in Item I.A. (Monographic Acquisitions); and serial services in Item I.C. (Serial Services).

(5) A serial service is defined as a periodical publication which revises, cumulates, abstracts or indexes information in a specific or general field on a continuing basis by means of new or replacement issues, pages, or cards, intended to provide information otherwise not readily available. Includes cover to cover translations of foreign language serials.

(6) Includes Language, Literature, Poetry and the Drama as Literature.

(7) Excludes only Medicine.

			1982-83 Percent (1)
17.	Other: e.g. Geography (G-GF); Anthropology (GN-GT); Recreation (GV); Political Science (J); Military & Naval Science (U-V); Bibliography & Library Science (Z)		9%
18.	Total		100%

B. Percent of Subscriptions Budget for Acquisitions in the Following Areas:

		LC Class	
1.	Agriculture	S	3%
2.	Business & Economics (excluding Labor - HD 4801-8942)	HB-HJ	4%
3.	Chemistry & Physics	QC, QD	26%
4.	Education	L	1%
5.	Engineering	T-TP	5%
6.	Fine & Applied Arts	N	2%
7.	General Interest	AP	2%
8.	History	C,D,E,F	4%
9.	Home Economics	TX	0%
10.	Journalism & Communications	PN 4699-5650; P 87-96	0%
11.	Labor & Industrial Relations	HD 4801-8942	0%
12.	Law	K	0%
13.	Library Science	Z	6%
14.	Literature & Language	P	4%
15.	Math, Botany, Geology & General Science	QA, QK, QE, Q, QH	20%
16.	Medicine	R	4%
17.	Philosophy & Religion (excluding Psychology - BF)	B	1%
18.	Physical Education & Recreation	GV	0%
19.	Political Science	J	1%
20.	Psychology	BF	1%
21.	Sociology & Anthropology	HM-HX; GN-GT	3%
22.	Zoology	QL	3%
23.	Other: e.g. General Works (AC-AN, AS-AY); Geography (G-GF); Social Sciences (General) & Statistics (H-HA); Music (M); Science (QB, QM-QR); Technology (TR-TT); Military & Naval Science (U-V)		10%
24.	Total		100%

		1982-83 Percent (1)
C. Percent of Serial Services Budget for Acquisitions in the Following Areas:		
	LC Class	
1. Business	HF	1%
2. General and Humanities	A,B(ex. Psych.-BF) C,D,E,F,M,N,P	9%
3. Law	K	8%
4. Science and Technology	Q,R,S,T	30%
5. Social Sciences (excluding Business - HF & Law - K)	BF,G,H,J	7%
6. Soviet Translations (8)	--	7%
7. U.S. Documents (9)	--	20%
8. Other: e.g. Education (L); Military & Naval Science (U-V); Bibliography & Library Science (Z)		18%
9. Total		100%
III. Foreign Purchases		
A. Percent of Total Book Budget for Non-U.S. Acquisitions		22%
B. Percent of Total Book Budget for Acquisitions in:		
1. United Kingdom		8%
2. France		1%
3. Germany		5%
4. Netherlands		5%
5. Japan		0%
6. Other		3%

(8) Cover to cover translations of other languages should be included in "Other".
(9) Include indexing and abstracting services published by the U.S. Government.

UNIVERSITY OF CALIFORNIA

Office of the Assistant Vice President--Library Plans and Policies
Average Annual Price Increases--1979-1982
Monographs

Subject Area	1979 Final	1982 (Preliminary)	% Increase	3 Year Geometric Mean
Agriculture	$20.94	$32.76	(56.4)	(16.0)
Art	21.95	31.62	(44.1)	(13.0)
Business	23.11	25.19	(9.0)	(3.0)
Education	15.10	21.00	(39.1)	(11.7)
General Works	28.56	36.35	(27.3)	(8.4)
History	19.79	26.99	(36.4)	(10.9)
Language & Literature	17.95	21.78	(21.3)	(6.7)
Law	29.44	35.63	(21.0)	(6.6)
Medicine	29.27	38.71	(32.3)	(9.8)
Music	18.93	26.83	(41.7)	(12.3)
Philosophy & Psychology	17.98	23.28	(29.5)	(9.0)
Poetry & Drama	15.83	19.45	(22.9)	(7.1)
Religion	14.83	17.76	(19.8)	(6.2)
Science & Technology	29.21	41.93	(43.5)	(12.8)
Sociology & Economics	43.57	48.61	(11.6)	(13.7)
Average	$23.96	$30.59	(27.7)	(8.5)

Source: Bowker's Annual, 1983.

Attachment II

UNIVERSITY OF CALIFORNIA

Office of the Assistant Vice President--Library Plans and Policies
Average Annual Price Increases--1979-1982

U.S. Periodicals	1979	1982	% Increase	3 Year Geometric Mean
Agriculture	$14.16	$19.76	(39.5)	(11.7)
Business & Economics	22.97	32.67	(42.2)	(12.5)
Chemistry & Physics	118.33	177.94	(50.4)	(14.6)
Education	21.61	28.18	(30.4)	(9.3)
Engineering	42.95	61.54	(43.3)	(12.7)
Fine & Applied Arts	17.42	23.35	(34.0)	(10.3)
General Interest Periodicals	18.28	23.93	(30.9)	(9.4)
History	14.67	20.37	(38.9)	(11.6)
Journalism & Communication	23.86	33.91	(42.1)	(12.4)
Labor & Indus. Relations	15.74	24.72	(57.1)	(16.2)
Law	20.98	27.53	(31.2)	(9.5)
Library Science	20.82	33.52	(61.0)	(17.1)
Literature & Language	13.84	19.39	(40.1)	(11.9)
Math, Botany, Geology, and General Science	58.84	87.99	(49.5)	(14.3)
Medicine	63.31	102.87	(62.5)	(17.6)
Philosophy & Religion	13.25	17.92	(35.2)	(10.6)
Political Science	17.47	25.89	(48.2)	(14.0)
Pscyhology	38.10	54.21	(42.3)	(12.5)
Sociology & Anthropology	23.70	36.38	(53.5)	(15.4)
Zoology	40.15	61.07	(52.1)	(15.0)
Average	$30.37	$44.80	(47.5)	(13.8)
Serial Services				
Business	$249.05	$371.03	(49.0)	(14.2)
General & Humanities	118.83	160.03	(34.7)	(10.4)
Law	158.65	232.61	(46.6)	(13.6)
Science & Technology	173.96	229.28	(31.8)	(9.6)
Social Sciences	169.55	249.03	(46.9)	(13.7)
Soviet Translations	201.89	298.22	(47.7)	(13.9)
U.S. Documents	75.87	99.05	(30.6)	(9.3)
Combined Average	$171.06	$244.52	(42.9)	(12.6)

Source: Bowker's Annual, 1983

Attachment II (continued)

UNIVERSITY OF CALIFORNIA
Office of the Assistant Vice President--Library Plans and Policies
Monographs: Estimated Price Increase Needs for 1984-1985

Subject Area	3 Year Compound Average	UCB	UCD	UCI	UCLA	UCR	UCSD	UCSF	UCSB	UCSC	Shared Acquis. Program	Total
Agriculture		$ 67,152	$ 62,255	--	$ 15,656	$ 18,890	--	--	$ 11,059	$ 7,987	--	$ 182,999
Inflation Estimate	(16.0)	10,744	9,961	--	2,505	3,022	--	--	1,769	1,278	--	29,279
Art		111,919	77,818	$ 24,039	54,892	37,779	$ 48,532	--	176,937	47,922	--	579,838
Inflation Estimate	(13.0)	14,549	10,116	3,125	7,136	4,911	6,309	--	23,002	6,230	--	75,378
Business		44,770	62,255	24,039	15,269	9,445	16,177	--	11,059	7,987	--	191,001
Inflation Estimate	(3.0)	1,343	1,868	721	458	283	485	--	332	240	--	5,730
Education		22,386	15,564	12,020	48,127	18,890	16,177	--	11,059	7,987	--	152,210
Inflation Estimate	(11.7)	2,619	1,821	1,406	5,631	2,210	1,893	--	1,294	934	--	17,808
General Works		44,770	171,199	48,079	78,472	9,445	32,355	$ 4,369	11,058	7,987	--	407,734
Inflation Estimate	(8.4)	3,761	14,381	4,039	6,592	793	2,718	367	929	671	--	34,251
History		358,142	77,818	156,256	195,793	141,672	323,549	4,370	154,820	79,869	--	1,492,289
Inflation Estimate	(10.9)	39,037	8,482	17,032	21,341	15,442	35,267	476	16,875	8,706	--	162,658
Language & Literature		335,742	155,636	180,296	220,920	245,566	242,662	--	165,879	111,817	--	1,658,518
Inflation Estimate	(6.7)	22,495	10,428	12,080	14,802	16,453	16,258	--	11,114	7,492	--	111,122
Law		70,661	77,818	12,020	111,523	9,445	--	--	--	7,987	--	289,454
Inflation Estimate	(6.6)	4,664	5,136	793	7,361	623	--	--	--	527	--	19,104
Medicine		44,770	171,200	156,256	169,314	18,890	161,775	135,461	11,059	47,922	--	916,647
Inflation Estimate	(9.8)	4,387	16,778	15,313	16,593	1,851	15,854	13,275	1,084	4,696	--	89,831
Music		67,152	15,564	36,059	63,783	47,224	64,710	--	33,176	23,961	--	351,629
Inflation Estimate	(12.3)	8,260	1,914	4,435	7,845	5,809	7,959	--	4,081	2,947	--	43,250
Philosophy & Psychology		111,919	31,127	48,079	36,917	37,779	48,532	6,555	33,176	55,908	--	409,992
Inflation Estimate	(9.0)	10,073	2,801	4,327	3,323	3,400	4,368	590	2,986	5,032	--	36,900
Poetry & Drama		44,770	31,127	12,020	29,765	9,445	16,177	--	11,059	7,987	--	162,350
Inflation Estimate	(7.1)	3,179	2,210	853	2,113	671	1,149	--	785	567	--	11,527
Religion		44,770	15,564	--	35,950	37,779	--	--	44,234	7,987	--	186,284
Inflation Estimate	(6.2)	2,776	965	--	2,229	2,342	--	--	2,743	495	--	11,550
Science & Technology		447,675	389,091	240,395	320,266	132,228	372,081	56,806	342,816	191,686	--	2,493,044
Inflation Estimate	(12.8)	57,302	49,804	30,771	40,994	16,925	47,626	7,271	43,880	24,536	--	319,109
Sociology & Economics		246,222	62,255	132,217	308,089	85,003	113,242	4,370	44,234	71,882	--	1,067,514
Inflation Estimate	(13.7)	33,732	8,529	18,114	42,208	11,645	15,514	599	6,060	9,848	--	146,249
Other		246,222	140,072	120,198	228,071	85,003	161,776	6,554	44,233	111,816	$794,318	1,938,263
Inflation Estimate	(8.5)	20,929	11,906	10,217	19,386	7,225	13,751	557	3,760	9,504	67,517	164,752
TOTAL		$2,709,052	$1,556,363	$1,201,973	$1,932,807	$ 944,483	$1,617,745	$218,485	$1,105,858	$798,692	$794,318	$12,479,766
Inflation Estimate		249,850	157,100	123,226	200,517	93,605	169,151	23,135	120,694	83,703	67,517	1,278,498
Percent		(10.4)	(10.1)	(10.3)	(10.4)	(9.9)	(10.5)	(10.6)	(10.9)	(10.5)	(8.5)	(10.2)
Monographic Budget as a Percent of the Total Book Budget		(54.8)	(47.0)	(49.0)	(41.08)	(51.0)	(60.0)	(34.0)	(46.0)	(52.0)	(100.0)	(50.7)
Total Book Budget		$4,213,581	$3,311,410	$2,453,007	$4,704,982	$1,851,927	$2,696,241	$642,604	$2,404,039	$1,535,946	$794,318	$24,608,055

UNIVERSITY OF CALIFORNIA
Office of the Assistant Vice President--Library Plans and Policies
Subscriptions: Estimated Price Increase Needs for 1984-1985

Subject Area	3 Year Compound Average	UCB	UCD	UCI	UCLA	UCR	UCSD	UCSF	UCSB	UCSC	Total
Agriculture		$ 39,870	$ 37,750	$ 10,793	$ 9,088	$ 22,223	$ --	$ --	$ 11,299	$ 6,297	$ 137,320
Inflation Estimate	(11.7)	4,665	4,417	1,263	1,063	2,600	--	--	1,322	737	16,067
Business & Economics		93,029	50,333	43,173	95,183	29,631	17,795	--	33,897	25,190	388,231
Inflation Estimate	(12.5)	11,629	6,292	5,397	11,898	3,704	2,224	--	4,237	3,149	48,530
Chemistry & Physics		199,347	201,334	205,071	302,052	192,600	222,440	36,628	282,475	125,948	1,767,895
Inflation Estimate	(14.6)	29,105	29,395	29,940	44,100	28,120	32,476	5,348	41,241	18,388	258,113
Education		13,290	12,583	10,793	54,527	7,408	--	--	11,299	6,297	116,197
Inflation Estimate	(9.3)	1,236	1,170	1,004	5,071	689	--	--	1,051	586	10,807
Engineering		106,319	125,834	64,759	95,901	37,039	62,283	3,663	101,691	25,190	622,679
Inflation Estimate	(12.7)	13,503	15,981	8,224	12,179	4,704	7,910	465	12,915	3,199	79,080
Fine & Applied Arts		26,580	12,583	10,793	38,504	14,815	8,898	--	22,598	6,297	141,068
Inflation Estimate	(10.3)	2,738	1,296	1,112	3,966	1,526	916	--	2,328	649	14,531
General Interest		39,870	12,584	32,381	32,047	14,815	8,897	--	11,299	6,297	158,190
Inflation Estimate	(9.4)	3,748	1,183	3,044	3,012	1,393	836	--	1,062	592	14,870
History		106,319	25,167	32,380	140,623	29,631	17,795	--	45,196	31,487	428,598
Inflation Estimate	(11.6)	12,333	2,919	3,756	16,312	3,437	2,064	--	5,243	3,652	49,716
Journalism & Communications		26,580	--	--	49,266	--	--	--	11,299	6,297	93,442
Inflation Estimate	(12.4)	3,296	--	--	6,109	--	--	--	1,401	781	11,587
Labor & Industrial Relations		13,290	--	--	35,873	--	--	--	--	6,297	55,460
Inflation Estimate	(16.2)	2,153	--	--	5,811	--	--	--	--	1,020	8,984
Law		190,456	75,500	21,586	81,791	--	8,898	--	--	25,190	403,421
Inflation Estimate	(9.5)	18,093	7,173	2,051	7,770	--	845	--	--	2,393	38,325
Library Science		26,580	12,583	43,173	70,311	44,446	8,898	3,663	--	18,892	228,546
Inflation Estimate	(17.1)	4,545	2,152	7,383	12,023	7,600	1,522	626	--	3,231	39,082
Literature & Language		93,029	37,750	32,380	192,997	29,631	17,795	--	56,495	25,190	485,267
Inflation Estimate	(11.9)	11,070	4,492	3,853	22,967	3,526	2,118	--	6,723	2,998	57,747
Math, Botany, Geo. & Gen. Sc.		106,319	188,750	161,898	230,066	148,154	169,054	51,280	293,773	157,435	1,506,729
Inflation Estimate	(14.3)	15,204	26,991	23,151	32,899	21,186	24,175	7,333	42,010	22,513	215,462
Medicine		53,160	289,417	237,451	413,737	29,631	186,850	186,805	67,794	31,487	1,496,332
Inflation Estimate	(17.6)	9,356	50,937	41,791	72,818	5,215	32,886	32,878	11,932	5,542	263,355
Philosophy & Religion		32,471	12,583	10,793	47,831	7,408	8,898	--	11,299	6,297	137,580
Inflation Estimate	(10.6)	3,442	1,334	1,144	5,070	785	943	--	1,198	667	14,583
Political Science		53,160	12,583	10,793	45,200	7,408	8,898	--	22,598	6,297	166,937
Inflation Estimate	(14.0)	7,442	1,762	1,511	6,328	1,037	1,246	--	3,164	882	23,372
Psychology		26,580	12,583	21,586	43,765	7,408	8,898	10,989	33,897	6,297	172,003
Inflation Estimate	(12.5)	3,323	1,573	2,698	5,471	926	1,112	1,374	4,237	787	21,501
Sociology & Anthropology		53,160	25,167	10,793	102,358	22,223	8,898	7,326	22,598	12,595	265,118
Inflation Estimate	(15.4)	8,187	3,876	1,662	15,763	3,422	1,370	1,128	3,480	1,940	40,828
Zoology		39,870	25,167	21,586	19,371	22,223	8,898	3,663	56,495	6,297	203,570
Inflation Estimate	(15.0)	5,981	3,775	3,238	2,906	3,333	1,335	549	8,474	945	30,536
Other		186,037	88,085	97,141	291,051	74,077	115,667	62,267	33,896	88,164	1,036,385
Inflation Estimate	(13.8)	25,673	12,156	13,405	40,165	10,223	15,962	8,593	4,678	12,167	143,022
TOTAL*		1,525,316	1,258,336	1,079,323	2,391,542	740,771	889,760	366,284	1,129,898	629,738	10,010,968
Inflation Estimate		196,722	178,874	155,627	333,701	103,426	129,940	58,294	156,696	86,818	1,400,098
Percent		(12.9)	(14.2)	(14.4)	(14.0)	(14.0)	(14.6)	(15.9)	(13.9)	(13.8)	(14.0)
Subscription Budget as a Percent of the Total Book Budget		(36.2)	(38.0)	(44.0)	(50.83)	(40.0)	(33.0)	(57.0)	(47.0)	(41.0)	(40.7)

UNIVERSITY OF CALIFORNIA
Office of the Assistant Vice President--Library Plans and Policies
Serial Services: Estimated Price Increase Needs for 1984-1985

Subject Area	3 Year Compound Average	UCB	UCD	UCI	UCLA	UCR	UCSD	UCSF	UCSB	UCSC	Total
Business		$ 3,792	$ 24,836	--	$ 1,066	$ 1,667	--	--	$ 1,683	$ 4,301	$ 37,345
Inflation Estimate	(14.2)	538	3,527	--	151	237	--	--	239	611	5,303
General Humanities		15,168	19,868	$ 17,171	13,627	15,001	$ 15,099	$ 1,157	23,560	13,977	134,628
Inflation Estimate	(10.4)	1,577	2,066	1,786	1,417	1,560	1,570	120	2,450	1,454	14,000
Law		170,651	238,421	1,717	161,769	13,334	1,887	--	--	4,301	592,080
Inflation Estimate	(13.6)	23,209	32,425	234	22,001	1,813	257	--	--	585	80,524
Science & Technology		113,767	188,750	99,592	112,820	50,002	90,593	39,328	112,750	36,555	844,157
Inflation Estimate	(9.6)	10,922	18,120	9,561	10,831	4,800	8,697	3,775	10,824	3,509	81,039
Social Sciences		7,585	24,836	17,171	6,166	11,667	24,536	8,097	21,877	15,052	136,987
Inflation Estimate	(13.7)	1,039	3,403	2,352	845	1,598	3,361	1,109	2,997	2,062	18,766
Soviet Translations		64,470	--	--	83,244	11,667	33,972	2,313	--	4,301	199,967
Inflation Estimate	(13.9)	8,961	--	--	11,571	1,622	4,722	322	--	598	27,796
U.S. Documents		3,790	--	3,434	1,941	33,335	5,662	1,157	6,731	13,977	70,027
Inflation Estimate	(9.3)	352	--	319	181	3,100	527	108	626	1,300	6,513
Other (Combined Average)		--	--	35,626	--	30,000	16,987	5,783	1,682	15,052	102,130
Inflation Estimate	(12.6)	--	--	4,111	--	3,780	2,140	729	212	1,897	12,869
TOTAL		$379,223	$496,711	$171,711	$380,633	$166,673	$188,736	$57,835	$168,283	$107,516	$2,117,321
Inflation Estimate		46,598	59,541	18,363	46,997	18,510	21,274	6,163	17,348	12,016	246,810
Percent		(12.3)	(12.0)	(10.7)	(12.3)	(11.1)	(11.3)	(10.7)	(10.3)	(11.2)	(11.7)
Serial Services Budget as a Percent of the Total Book Budget		(9.0)	(15.0)	(7.0)	(8.09)	(9.0)	(7.0)	(9.0)	(7.0)	(7.0)	(8.6)

UNIVERSITY OF CALIFORNIA
Office of the Assistant Vice President--Library Plans and Policies
Estimated Price Increase Needs for 1984-1985

	Book Budget 1983-84*	1984-85 Estimated Price Increase	
		Amount	Percent
Monographs	$12,479,766	$1,278,498	(10.2)
Subscriptions	10,010,968	1,400,098	(14.0)
Serial Services	2,117,321	246,810	(11.7)
Total	$24,608,055	$2,925,406	(11.9)

*Assuming there is a price increase adjustment for 1983-84.

AUTOMATED LOCAL COST STUDIES

05/10/83

COST BY LIBRARY DEPARTMENT 1982-83
TITLES RECEIVED AND WEIGHTED MEAN COST

Memo:	Department Name:	All Orders: T:	All Orders: Mean:	Current Imprints: (Minor 20) T:	Current Imprints: (Minor 20) Mean:	Project Accounts: (Minor 21) T:	Project Accounts: (Minor 21) Mean:	Form Select. (Approval): (Minor 24) T:	Form Select. (Approval): (Minor 24) Mean:	Reserve Read. Rm: (Minor 46) T:	Reserve Read. Rm: (Minor 46) Mean:	Blanket Orders: (Minor 47) T:	Blanket Orders: (Minor 47) Mean:
Area:	Humanities and Social Sciences												
200	Agricultural Economics	74	17.88	74	17.88	---	-----	---	-----	---	-----	---	-----
215	Anthropology	646	18.98	560	17.71	86	27.21	---	-----	---	-----	---	-----
220	Art	668	44.45	509	39.48	6	1167.80	---	-----	---	-----	173	20.09
235	Business	293	20.68	234	23.62	---	-----	---	-----	12	27.28	47	4.37
255	Classics	320	44.47	319	44.39	1	70.32	---	-----	---	-----	---	-----
260	Comparative Literature	127	22.09	125	21.96	2	30.32	---	-----	---	-----	---	-----
280	Drama	42	20.59	42	20.59	---	-----	---	-----	---	-----	---	-----
285	Economics	157	30.03	151	30.57	3	10.35	---	-----	3	22.24	---	-----
320	English	914	37.51	760	38.52	22	151.31	---	-----	---	-----	132	12.78
335	French	420	17.20	109	18.72	---	-----	---	-----	---	-----	311	16.66
345	Geography	303	16.51	301	16.41	---	-----	---	-----	2	32.18	---	-----
355	German	730	20.26	729	20.23	1	43.90	---	-----	---	-----	---	-----
360	History	709	37.88	447	34.08	17	186.56	---	-----	1	16.64	244	34.57
375	Italian	474	13.02	474	13.02	---	-----	---	-----	---	-----	---	-----
425	Library - General	4158	30.66	335	32.19	267	28.95	3553	30.65	3	16.10	---	-----
434	Library - Gov't Documents	352	17.56	352	17.56	---	-----	---	-----	---	-----	---	-----
436	Library - Reference	222	59.90	222	59.90	---	-----	---	-----	---	-----	---	-----
438	Library - Resources	10284	25.59	354	27.96	1653	29.32	8274	24.75	2	23.75	---	-----
450	Library - Spec. Collect.	268	129.57	---	-----	268	129.57	---	-----	---	-----	---	-----
505	Linguistics	65	20.13	64	20.25	---	-----	---	-----	1	12.95	---	-----
535	Music	1270	16.48	866	17.81	404	13.63	---	-----	---	-----	---	-----
550	Philosophy	115	30.58	113	30.52	1	50.00	---	-----	1	17.58	---	-----
555	Physical Education	80	19.75	79	19.72	---	-----	---	-----	1	21.95	---	-----
570	Political Science	414	22.59	402	22.66	1	34.00	---	-----	11	19.08	---	-----
575	Psychology	27	42.85	26	41.39	---	-----	---	-----	1	80.90	---	-----
585	Religious Studies	156	22.64	123	25.56	---	-----	---	-----	---	-----	33	11.79
590	Romance Linguistics	103	26.72	103	26.72	---	-----	---	-----	---	-----	---	-----
595	Library Science	185	27.74	185	27.74	---	-----	---	-----	---	-----	---	-----
600	Library Slavic Selections	215	7.26	---	-----	---	-----	215	7.26	---	-----	---	-----
610	Slavic Languages	575	19.05	567	19.18	4	8.61	---	-----	---	-----	4	10.63
615	Sociology	198	17.79	198	17.79	---	-----	---	-----	---	-----	---	-----
630	Spanish	1161	8.87	1161	8.87	---	-----	---	-----	---	-----	---	-----
	totals	25725	26.70	9984	23.98	2736	41.15	12042	26.18	38	24.06	944	20.57
Area:	Health Sciences												
275	Dentistry	90	36.37	90	36.37	---	-----	---	-----	---	-----	---	-----
455	Library - Health Sciences	797	42.02	22	30.16	---	-----	775	42.36	---	-----	---	-----
520	Medicine	395	50.71	395	50.71	---	-----	---	-----	---	-----	---	-----
540	Nursing	169	105.72	167	19.28	2	7323.60	---	-----	---	-----	---	-----
545	Pharmacy	62	39.74	62	39.74	---	-----	---	-----	---	-----	---	-----
580	Rehabilitation Medicine	25	27.67	25	27.67	---	-----	---	-----	---	-----	---	-----
	totals	1538	50.60	761	39.87	2	7323.60	775	42.36	---	-----	---	-----

University of Alberta

University of Alberta

Memo:	Department Name:	All Orders: T:	All Orders: Mean:	Current Imprints: (Minor 20) T:	Current Imprints: (Minor 20) Mean:	Project Accounts: (Minor 21) T:	Project Accounts: (Minor 21) Mean:	Form Select. (Approval): (Minor 24) T:	Form Select. (Approval): (Minor 24) Mean:	Reserve Read. Rm: (Minor 46) T:	Reserve Read. Rm: (Minor 46) Mean:	Blanket Orders: (Minor 47) T:	Blanket Orders: (Minor 47) Mean:
Area:	Science and Technology												
205	Agricultural Engineering	3	29.32	3	29.32	---	-----	---	-----	---	-----	---	-----
210	Animal Science	14	59.78	13	62.30	---	-----	---	-----	1	27.00	---	-----
230	Botany	63	71.53	60	73.48	1	45.00	---	-----	2	26.23	---	-----
240	Chem. & Petro. Engineering	58	46.83	58	46.83	---	-----	---	-----	---	-----	---	-----
245	Chemistry	53	64.72	53	64.72	---	-----	---	-----	---	-----	---	-----
250	Civil Engineering	89	41.97	89	41.97	---	-----	---	-----	---	-----	---	-----
265	Computing Science	77	35.01	77	35.01	---	-----	---	-----	---	-----	---	-----
305	Electrical Engineering	10	43.06	10	43.06	---	-----	---	-----	---	-----	---	-----
325	Entomology	14	57.66	14	57.66	---	-----	---	-----	---	-----	---	-----
330	Food Science	4	53.52	4	53.52	---	-----	---	-----	---	-----	---	-----
332	Forest Science	8	29.39	8	29.39	---	-----	---	-----	---	-----	---	-----
340	Genetics	5	43.65	5	43.65	---	-----	---	-----	---	-----	---	-----
350	Geology	80	26.20	80	26.20	---	-----	---	-----	---	-----	---	-----
365	Home Economics	287	25.99	280	25.97	3	39.67	---	-----	4	16.96	---	-----
430	Library - Gen. Sci.	3583	44.60	350	45.28	81	88.90	3013	43.35	3	36.12	136	44.14
510	Mathematics	69	24.93	64	26.10	---	-----	---	-----	---	-----	5	10.01
515	Mechanical Engineering	96	43.47	96	43.47	---	-----	---	-----	---	-----	---	-----
525	Microbiology	76	58.98	76	58.98	---	-----	---	-----	---	-----	---	-----
530	Mining and Metallurgy	31	47.74	31	47.74	---	-----	---	-----	---	-----	---	-----
560	Physics	72	42.60	70	42.84	---	-----	---	-----	2	34.30	---	-----
565	Plant Science	26	40.04	26	40.04	---	-----	---	-----	---	-----	---	-----
620	Soil Science	12	30.41	12	30.41	---	-----	---	-----	---	-----	---	-----
635	Zoology	148	46.66	148	46.66	---	-----	---	-----	---	-----	---	-----
	totals	4878	43.56	1627	41.87	85	86.65	3013	43.35	12	27.02	141	42.93
Area:	Law												
380	Law	1941	31.32	1221	31.23	---	-----	648	29.65	1	29.85	71	48.11
	totals	1941	31.32	1221	31.23	---	-----	648	29.65	1	29.85	71	48.11
Area:	Education												
270	Curriculum	2100	20.14	2070	19.36	30	73.72	---	-----	---	-----	---	-----
290	Education	1618	36.70	1257	21.27	311	101.65	---	-----	50	20.54	---	-----
410	Library - Education	877	27.54	148	54.57	---	-----	729	22.05	---	-----	---	-----
	totals	4595	27.38	3475	21.55	341	99.19	729	22.05	50	20.54	---	-----
Area:	Unspecified												
388	Library - Bibliography	7	139.34	7	139.34	---	-----	---	-----	---	-----	---	-----
490	Library - Reserve Fund	633	157.69	633	157.69	---	-----	---	-----	---	-----	---	-----
492	Library - Staff Tools	54	34.90	54	34.90	---	-----	---	-----	---	-----	---	-----
	totals	694	147.95	694	147.95	---	-----	---	-----	---	-----	---	-----
	grand total (excl. trusts)	39371	32.17	17762	31.17	3164	53.23	17207	29.87	101	22.73	1156	24.99

University of Alberta

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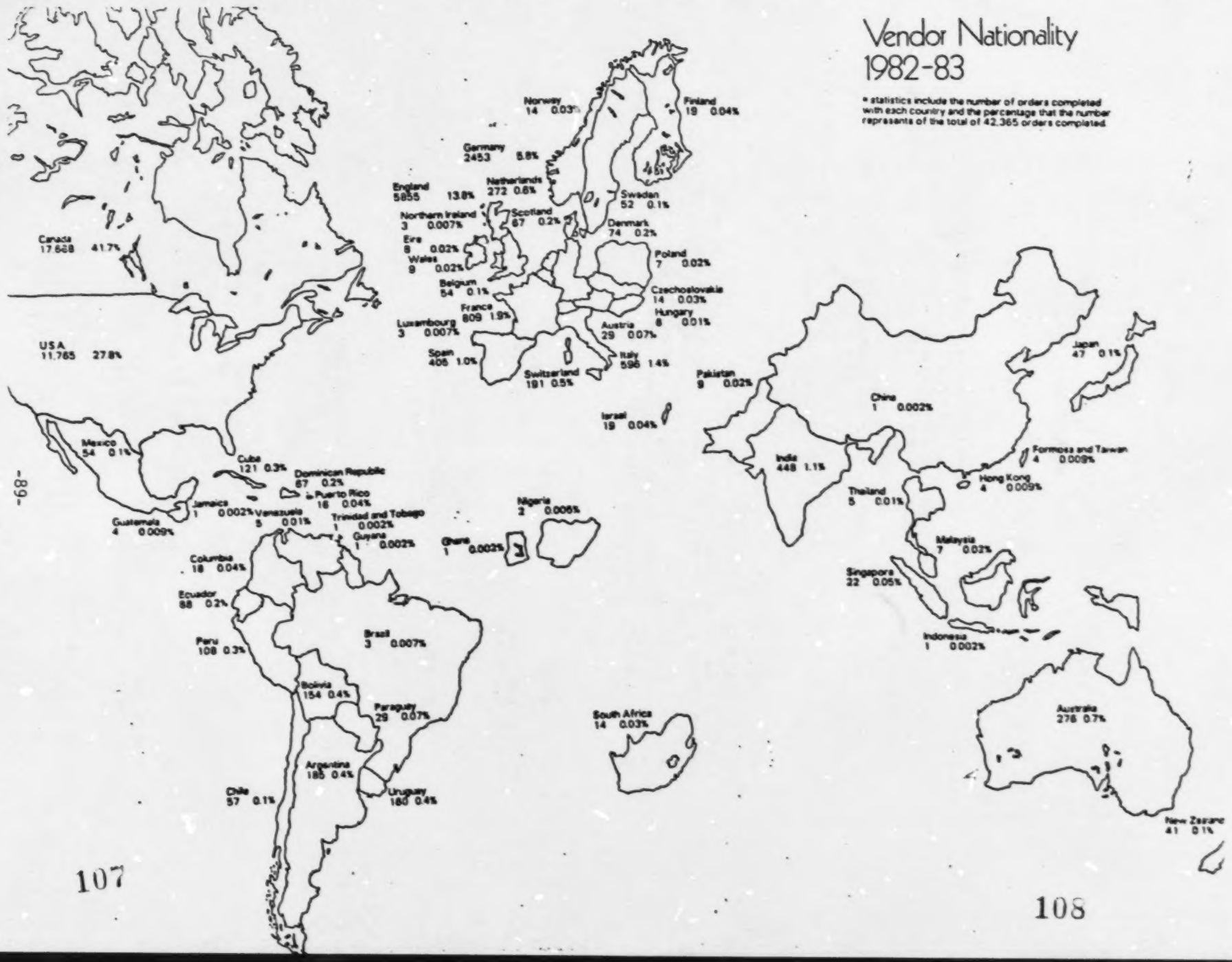
Vendor Nationality
1982-83
* statistics include the number of orders completed with each country and the percentage that the number represents of the total of 42,365 orders completed
Canada 17 688 41.7%
USA 11,765 27.8%
Mexico 54 0.1%
Guatemala 4 0.009%
Cuba 121 0.3%
Dominican Republic 67 0.2%
Puerto Rico 16 0.04%
Jamaica 1 0.002%
Venezuela 5 0.01%
Trinidad and Tobago 1 0.002%
Guyana 1 0.002%
Columbia 18 0.04%
Ecuador 88 0.2%
Peru 108 0.3%
Brazil 3 0.007%
Bolivia 154 0.4%
Paraguay 29 0.07%
Argentina 185 0.4%
Chile 57 0.1%
Uruguay 180 0.4%
Norway 14 0.03%
Finland 19 0.04%
Germany 2453 5.8%
England 5855 13.8%
Netherlands 272 0.6%
Sweden 52 0.1%
Northern Ireland 3 0.007%
Scotland 67 0.2%
Denmark 74 0.2%
Eire 8 0.02%
Wales 9 0.02%
Poland 7 0.02%
Belgium 54 0.1%
Czechoslovakia 14 0.03%
France 809 1.9%
Hungary 8 0.01%
Luxembourg 3 0.007%
Austria 29 0.07%
Spain 408 1.0%
Italy 596 1.4%
Switzerland 191 0.5%
Israel 19 0.04%
Nigeria 2 0.006%
Ghana 1 0.002%
South Africa 14 0.03%
Pakistan 9 0.02%
China 1 0.002%
Japan 47 0.1%
India 448 1.1%
Formosa and Taiwan 4 0.009%
Hong Kong 4 0.009%
Thailand 5 0.01%
Malaysia 7 0.02%
Singapore 22 0.05%
Indonesia 1 0.002%
Australia 278 0.7%
New Zealand 41 0.1%

(selected sections)

I. INTRODUCTION

For the fourth consecutive year, the Acquistions Division has compiled statistics concerning the purchases of monographs. This report presents the findings for the April 1981 to March 1982 fiscal period. It is composed of three sections:

1. Purpose -- explains the reasons for and benefits expected from this research.
2. Methodology -- describes the system used to produce the statistics, including the criteria employed to choose the records for the data set, the computer programs developed, and the editing process.
3. Results -- describes the findings on 978 histograms, 441 tables, 2 maps and an explanatory text.

A. PURPOSE

The 1981-1982 Cost and Vendor Performance Study was assembled to comply with the Acquisitions Division's mandate to evaluate the performance of the vendors used in the order and receipt of library materials, a responsibility which assumes greater importance in times of financial restraint. The expenditure for monographs was $1,553,009.03[2] in 1981/82; careful scrutiny of performance, combined with negotiations with vendors to obtain improvements in service and the best possible terms, results in significant savings. (The savings already achieved as a consequence of these analyses are mentioned in the "Results" section of this report.)

B. METHODOLOGY

In each of the past four years, the preparation of the cost and vendor performance study involved five phases:

1. **Phase I - Determining Analyses to be Performed**

a. **Choosing Indicators**

The Acquisitions Systems Committee identified two areas which merited detailed analysis as key factors of vendor performance:

1. Cost
   a. cost per order -- equivalent to the cost per title[3]
   b. cost difference -- the variation between the estimated cost and the actual cost of each order
   c. cost per country -- the number of orders and mean cost of orders

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[2] according to the March 31, 1982, Library Commitment Report.
[3] statistics concerning cost per volume were not compiled.

from each country, with costs stated in Canadian dollars, except for costs from American vendors, which have been expressed in U.S. dollars

2. Service

   a. turnaround time -- the number of days elapsed between creating the order and receiving the item

   b. reports -- the number and type of status reports received from vendors

   c. cancellations -- the number of orders which were cancelled

b. **Reviewing Cost Centre Expenditures**

Using the data base assembled in the process of analysing vendor performance, statistics would be compiled to review the expenditures of each library department and type of fund:

   a. cost per department -- also known as "cost per memo code"

   b. cost per type of fund -- also known as "cost per minor code", including expenditures against discretionary funds, project accounts, form selection (or "approval") plans and blanket orders

   c. cost per type of fund within each department

As an example of the use of the cost centre analyses, figures obtained from section "a" would reveal the average cost of materials ordered by the History department, while "b" would show the cost of items received against all blanket orders, and "c" would give the cost of books received against a blanket order for the English department.

c. **Special Analyses**

Statistics would be compiled to analyze items of particular interest:

   a. performance of form selection plan vendors -- including cost per order and turnaround time

   b. percentage of monograph budget spent with top ten and top 100 vendors

   c. cost comparison among the major North American vendors

   d. cancellations -- the number and types of orders which were not filled

2. Phase II - Defining the Data Set

To be eligible for inclusion in the data set, records had to meet the following criteria:

a. Inclusion

1. regular[4] monograph orders and confirming orders, including blanket order and gift receipts, which had been received *and* paid for during the 1981/82 fiscal period

2. regular monograph orders which had been cancelled during the 1981/82 fiscal period

Records were excluded from the data set if they had these characteristics:

b. Exclusion

1. serials orders and back orders of periodicals

2. orders which were received in one fiscal year and paid in another year. (This means that items received on March 30 but paid for on April 2 were not included.)

3. orders which had been cancelled before or after the 1981/82 fiscal period

3. Phase III - Selecting a Statistical Package

The next step in compiling the statistics was the selection of a method to analyze the large monograph order data base. To avoid having to write lengthy programs to calculate statistical values, the Acquisitions Systems Committee decided that commercially available packages ought to be considered, the Michigan Interactive Data Analysis System (hereafter referred to as MIDAS[5]) being chosen. It is a package of statistical programs which is easy to work with and can produce various descriptive measures (including minimum, maximum, mean and standard deviation values) and histograms (to review the frequencies of occurrences).

Limitations of the MIDAS software required that some additional programs be written to sort and sum figures and improve the appearance of the output. The description of Phases IV(a) and V presents an explanation of the problems experienced and special programs written.

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[4] the term "regular" indicates that a purchase order was generated, while "confirming" orders are used to process receipts against a special agreement, such as a blanket order profile or a gift donation.

[5] © University of Michigan

4. Phase IV - Writing and Testing the In-House Programs

a. Special Programs

A number of programs were written in-house to provide information which MIDAS could not supply. These programs were used to develop a list of the vendors used during the fiscal period, a list of the top 100 vendors[4], and totals for expenditures and orders completed.

b. Test Runs

To ensure that the programs were working properly, a test run was performed on records which had been completed or cancelled during the January - March, 1982 period. (Using this smaller data set, rather than all records from the April 1981 - March 1982 fiscal year, it was easier to check the accuracy of the figures.) When the committee was satisfied that the statistics produced were correct, the special programs selected records from the orders-in-process and history files using the criteria outlined in Phase II.

c. Environment / Configuration

The MIDAS and Special in-house programs were run on the University of Alberta's AMDAHL 470V8 mainframe to produce approximately 2,000 pages of statistics. The output was produced on the Computing Centre's Xerox X9700 page printer. The page printer uses a laser to create high-quality output on standard 8½ x 11" inch paper.

5. Phase V - Editing the Output

The time-intensive editing task consisted of proofreading the printed pages and editing the computer's disk file (on which the statistics were stored).

Certain limitations with the MIDAS package affected the the appearance of the output and required special in-house programs to improve the readability:

1. MIDAS is incapable of handling a 7-digit vendor number or memo code. A conversion program was written to change MIDAS codes to the Acquisitions seven-digit vendor number and to include the name of the vendor. Similarly, an additional conversion program changed each MIDAS fund code to the Library's three-digit memo code and the name of the department.

2. The descriptive measures (such as maximum, minimum, mean and standard deviation values) were re-keyed so that they would appear on the lower portion of the histogram pages. (MIDAS puts descriptive statistics and histograms on separate pages.)

3. To make some statistics easier to read, it was necessary to remove trailing zeroes or round the numbers to two decimal places.

4. The pages were sorted so that statistics could be arranged by vendor. This

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[4] in terms of expenditures

facilitates the review of the performance of individual vendors without having to look through the entire report.

5. The pages were not numbered, so histogram and table numbers were added to the headings to make identification of particular pages easier.

C. RESULTS

48,408 completed orders from 2,913 vendors were selected for analysis. 42,902 or 88.6% were "regular" orders (i.e., involving a purchase order for an individual title), 1,528 or 3.2% were blanket order receipts and 3,978 or 8.2% were gifts or confirming orders[7].

4,995 cancelled orders were also included in the data set. 55% of these records were "year-old" cancellations. (It is the Library's policy that after one year, outstanding orders are automatically cancelled.)

1. Factors Which Affect the Accuracy of the Statistics

The accuracy of the figures stated in this report are affected by these situations:

a. Exclusion of Some Orders

In order to assemble accurate receipt and payment statistics, only orders which had been completed (that is, received and paid during the April 1, 1981 to March 31, 1982 period) were considered. Orders were not included if they were paid for during April, 1981 but received in March, 1981, or received in March, 1982 but paid for in April, 1982. (It is a characteristic of the accounting system that items are not paid for the same day that they are received.) While the exact number of records which fell into these categories is not known, it is reasonable to estimate that only 5%[8] of the orders created are not included in any year's vendor performance statistics.

b. Canadian Versus American Dollars

The library has access to Canadian and American dollar accounts to issue payments. Although the "in-process" and "history" audit records contain codes to indicate which currency was used, present in-house programs preclude the ability to differentiate between U.S. and Canadian currencies, resulting in cost per order figures for "all vendors", "top 100 vendors", cost per order by country and cost per order by memo code being a combination of these currencies. Approximately 35%[9] of the Library's invoices are payable in American dollars. As a result, statistics which involve "all vendors" and the "top 100 vendors" may actually be approximately 7% higher than the figures quoted in this report.

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[7] confirming orders are used when the original order has gone to the history file.
[8] based on an average delay of approximately seven working days between the date received and date paid.
[9] this is an educated guess based on the fact that 29.6% of the orders in the data set were placed with American vendors and experience with European and Asian vendors shows that approximately 15% of these sources ask for payment in U.S. funds.

Statistics concerning individual vendors are not affected by this problem. For vendors located in the United States, the reader should assume that the cost figures given are in U.S. funds.

c. **Deposit Accounts, Credit Notes**

Although free material has been eliminated from the cost per order and cost per memo code histograms, some minimum values of "0.00" appear. This inconsistency is the result of orders processed against deposit accounts or credit notes. The statistics programs "read" these orders as "paid" but because of the way that the audit records are built, are unable to extract the amount paid. Approximately 850 records (or 2% of the data set) fall into this category.

d. **Status Reports**

Two factors distorted the status report statistics:

1. Confirming orders were not removed from the data set and distorted the "no report received" figure. (It is not reasonable to expect a status report since confirming orders are created with the item "in hand".) Confirming orders represented 8.2% of the completed orders in the data set. (Only the "all vendors" and "top 100 vendors" categories were affected by this problem. Individual vendors' statistics are correct.)

2. It was discovered that a programming error was causing the status report code to be changed to zero whenever a change to the in-process file was entered. For example, if the title of the book changed, a transaction to correct the in-process file also causes the report code to be changed to "no report" (or zero). This problem was corrected in February, 1983, but the accuracy of the reports statistics has been affected to an unknown degree.

e. **Postage Charges**

Most invoices received from the Library's vendors include a postage charge. This cost is paid from a separate account, so the costs shown in this report do not include postage. Some estimates have stated that "book rate" postage adds between four and six percent to the cost of acquiring an item.

Despite these difficulties, the figures quoted may be considered to be accurate, with a tolerance of 8% for statistics concerning "all vendors" and "top 100 vendors" categories. Statistics for individual vendors are accurate to within 5%.

The outputs have been separated by index tabs in this binder. The format of the products and some of the highlights of the findings are described on the following pages.

COST BY LIBRARY DEPARTMENT
TITLES RECEIVED AND WEIGHTED MEAN COST

Memo:	Department Name:	All Orders: T:	Mean:	Current Imprints: (Minor 20) T:	Mean:	Project Accounts: (Minor 21) T:	Mean:	Form Select. (Approval): (Minor 24) T:	Mean:	Reserve Read. Rm: (Minor 46) T:	Mean:	Blanket Orders: (Minor 47) T:	Mean:
Library Division: Humanities and Social Sciences													
200	Agricultural Economics	75	17.74	74	17.67	---	-----	---	-----	1	22.95	---	-----
215	Anthropology	461	17.82	438	17.14	23	30.83	---	-----	---	-----	---	-----
220	Art	661	28.88	421	36.56	8	32.73	---	-----	---	-----	232	14.81
235	Business Ad. & Commerce	335	19.39	287	21.68	---	-----	---	-----	3	20.24	45	4.74
255	Classics	519	34.43	515	33.73	3	139.83	---	-----	1	77.80	---	-----
260	Comparative Literature	503	27.91	488	27.84	15	30.03	---	-----	---	-----	---	-----
280	Drama	21	22.91	14	19.58	6	33.50	---	-----	1	5.90	---	-----
285	Economics	256	23.69	249	23.82	2	8.70	---	-----	5	22.94	---	-----
320	English	996	38.05	806	37.47	60	96.25	---	-----	1	5.77	129	14.88
335	French	861	16.02	398	17.10	---	-----	---	-----	---	-----	463	15.09
345	Geography	485	20.47	483	20.34	1	50.00	---	-----	1	53.92	---	-----
355	German	1277	20.55	1275	20.60	2	15.31	---	-----	---	-----	---	-----
360	History	1094	53.77	689	60.85	37	208.10	---	-----	---	-----	368	25.00
375	Italian	516	26.65	516	27.65	---	-----	---	-----	---	-----	---	-----
425	Library - General	4455	26.78	485	23.64	9	104.09	3960	27.00	1	8.00	---	-----
434	Library - Gov't Documents	318	19.76	318	19.76	---	-----	---	-----	---	-----	---	-----
436	Library - Reference	141	55.25	140	55.40	1	35.00	---	-----	---	-----	---	-----
438	Library - Resources	9343	19.77	103	21.33	2343	18.33	6895	20.24	2	35.97	---	-----
450	Library - Spec. Collect.	102	209.46	---	-----	102	209.46	---	-----	---	-----	---	-----
505	Linguistics	158	21.14	158	21.14	---	-----	---	-----	---	-----	---	-----
535	Music	1241	18.03	912	16.43	328	22.52	---	-----	---	-----	---	-----
550	Philosophy	157	25.87	154	25.63	3	38.00	---	-----	---	-----	---	-----
555	Physical Education	70	23.51	68	23.97	---	-----	---	-----	2	8.00	---	-----
570	Political Science	585	19.54	582	19.54	1	35.00	---	-----	2	12.21	---	-----
575	Psychology	119	22.05	119	22.05	---	-----	---	-----	---	-----	---	-----
585	Religious Studies	289	24.80	282	24.60	7	32.71	---	-----	---	-----	---	-----
590	Romance Linguistics	123	26.63	123	26.63	---	-----	---	-----	---	-----	---	-----
595	Library Science	141	16.92	140	16.93	---	-----	---	-----	---	-----	---	-----
600	Library Slavic Selections	66	9.53	---	-----	---	-----	66	9.53	---	-----	50	10.51
610	Slavic Languages	888	14.35	823	14.63	15	11.60	---	-----	---	-----	---	-----
615	Sociology	174	22.28	171	22.29	---	-----	---	-----	3	21.86	---	-----
630	Spanish	1782	10.87	1779	10.87	3	12.69	---	-----	---	-----	---	-----
	totals	28212	23.69	13010	23.85	2969	29.93	10921	22.63	23	22.94	1287	17.31
Library Division: Health Sciences													
275	Dentistry	73	33.70	73	33.70	---	-----	---	-----	---	-----	---	-----
455	Library - Health Sciences	685	40.10	48	31.38	---	-----	637	40.75	---	-----	---	-----
520	Medicine	750	40.34	750	40.34	---	-----	---	-----	---	-----	---	-----
540	Nursing	237	16.56	237	16.56	---	-----	---	-----	---	-----	---	-----
545	Pharmacy	60	32.70	60	32.70	---	-----	---	-----	---	-----	---	-----
580	Rehabilitation Medicine	60	27.26	60	27.26	---	-----	---	-----	---	-----	---	-----
	totals	1865	36.30	1228	33.99	---	-----	637	40.75	---	-----	---	-----

Memo:	Department Name:	All Orders: T:	Mean:	Current Imprints: (Minor 20) T:	Mean:	Project Accounts: (Minor 21) T:	Mean:	Form Select. (Approval): (Minor 24) T:	Mean:	Reserve Read. Rm: (Minor 46) T:	Mean:	Blanket Orders: (Minor 47) T:	Mean:
Library Division: General Sciences													
205	Agricultural Engineering	13	25.34	13	25.34	---	-----	---	-----	---	-----	---	-----
210	Animal Science	11	31.46	10	33.71	---	-----	---	-----	1	8.95	---	-----
230	Botany	97	53.16	96	52.10	1	155.00	---	-----	---	-----	---	-----
240	Chem. & Petro. Engineering	31	49.32	31	49.32	---	-----	---	-----	---	-----	---	-----
245	Chemistry	42	39.14	40	39.25	---	-----	---	-----	2	36.95	---	-----
250	Civil Engineering	53	35.93	53	35.93	---	-----	---	-----	---	-----	---	-----
265	Computing Science	77	27.53	74	26.58	---	-----	---	-----	3	50.82	---	-----
305	Electrical Engineering	6	43.71	5	30.87	---	-----	---	-----	1	107.90	---	-----
325	Entomology	38	36.79	37	37.42	---	-----	---	-----	1	13.50	---	-----
330	Food Science	4	56.03	4	56.03	---	-----	---	-----	---	-----	---	-----
332	Forest Science	25	31.38	25	31.38	---	-----	---	-----	---	-----	---	-----
340	Genetics	3	27.68	3	27.68	---	-----	---	-----	---	-----	---	-----
350	Geology	119	27.89	118	27.99	---	-----	---	-----	1	16.00	---	-----
365	Home Economics	218	21.33	216	21.24	1	50.00	---	-----	1	12.00	---	-----
430	Library - Gen. Sci.	2998	38.51	321	39.54	2	44.50	2537	38.00	---	-----	137	45.14
510	Mathematics	140	17.82	98	19.54	11	34.50	---	-----	---	-----	31	6.45
515	Mechanical Engineering	134	29.75	134	29.75	---	-----	---	-----	---	-----	---	-----
525	Microbiology	44	44.55	44	44.55	---	-----	---	-----	---	-----	---	-----
530	Mining and Metallurgy	35	46.92	35	46.92	---	-----	---	-----	---	-----	---	-----
560	Physics	88	48.72	88	48.72	---	-----	---	-----	---	-----	---	-----
565	Plant Science	43	32.31	43	32.31	---	-----	---	-----	---	-----	---	-----
620	Soil Science	4	86.90	4	86.90	---	-----	---	-----	---	-----	---	-----
635	Zoology	87	33.44	86	33.14	---	-----	---	-----	1	60.00	---	-----
	totals	4310	36.71	1578	34.37	15	44.90	2537	38.00	11	40.43	168	38.00
Library Division: Law													
380	Law	2224	26.04	1477	24.94	1	8.00	673	25.88	---	-----	73	50.15
	totals	2224	26.04	1477	24.94	1	8.00	673	25.88	---	-----	73	50.15
Library Division: Education													
270	Curriculum	3006	16.48	2857	16.01	149	25.44	---	-----	---	-----	---	-----
290	Education	2834	18.85	2682	18.63	43	29.03	---	-----	109	20.26	---	-----
410	Library - Education	621	21.66	186	24.35	1	257.00	434	19.97	---	-----	---	-----
	totals	6461	18.02	5725	17.51	193	27.44	434	19.97	109	20.26	---	-----
Library Division: Unspecified													
388	Library - Bibliography	6	66.73	6	66.73	---	-----	---	-----	---	-----	---	-----
490	Library - Reserve Fund	914	46.99	909	47.08	---	-----	---	-----	5	30.59	---	-----
492	Library - Staff Tools	51	56.01	51	56.01	---	-----	---	-----	---	-----	---	-----
	totals	971	47.59	966	47.67	---	-----	---	-----	5	30.59	---	-----
	grand total (excl. trusts)	44043	25.31	23984	24.57	3178	29.85	15202	26.02	148	22.52	1528	21.16

STATISTICAL INFORMATION USED IN THE UNIVERSITY OF GEORGIA LIBRARIES COLLECTION DEVELOPMENT PROGRAM

Many factors are considered when planning and allocating the materials budget at the University of Georgia Libraries. Since some factors, such as the political climate or the nature of a discipline's reliance on the library, are qualitative, a strict formula for budget allocation has never been used. However, we find a number of quantitative measures very helpful in monitoring changes in the library collection's growth, University program strengths, and publishing output and costs.

A good example of some of the quantitative data gathered and analyzed at the University of Georgia Libraries can be seen in Chart I. This chart and the others in this report were prepared by the Libraries' Social Sciences Bibliographer, Arnold Balk, who has a good deal of experience with statistical analysis. Chart I summarizes the key internal and external factors measured over the last few years. Line 1, "Academic Data--Weighted Percentage," results from a statistical study prepared once every two years by the University's Office of Institutional Research and Planning. Number of students, faculty, and courses are counted in a variety of ways, given different weights, and divided into the six major subject areas used by the Libraries. Academic activity, like most other factors used in Chart I, is given as a percentage. In 1981/82, for example, Education accounted for 17.2% of the total academic activity at the University.

Once every two years, the Libraries also conducts a shelflist count following the procedures established for the National Shelflist Project.

It is unfortunate that data gathered for the national project has not been published since 1977. The ability to compare collection size and growth rates with other libraries is the most revealing aspect of this project. Other internal factors examined include circulation statistics and book budget expenditures.

Lines 5 through 8 of Chart I are concerned with the external factors of publishing output and costs. We use three primary sources for this type of data: R. R. Bowker book trade research and statistics, Blackwell North America approval plan reports, and the Libraries' own acquisitions information. Line 6 of Chart I takes the information reported by Blackwell North America on the number of titles and cost of their general approval plan and divides the data into subject categories. In 1980/81, for instance, 6.7% of the titles in Blackwell's approval plan were in the education category. A more detailed analysis of Blackwell's approval program statistics can be seen in Chart II, which gives title output and cost information by subject area distribution as reported over the last four years. One can see in this chart that education titles have increased only 3% over the last four years but their cost has risen 54% over base year 1978/79.

Since 1978 the University of Georgia Libraries has used an in-house developed automation system for acquisitions. The system has provided us with much more timely and detailed information about our materials expenditures. At any time now bibliographers can check their expenditures by browsing through their fund codes on-line. Twice a week printouts are generated for all fund codes, of which there are about two hundred arranged in a hierarchical manner. Each month summary reports with comparisons to previous years' expenditures are also prepared. These reports enable

the bibliographers to properly pace their ordering and give administrator important management data for planning.

Charts III and IV contain data generated from our automated acquisitions system. Chart III gives a summary of book budget expenditures for 1981/82. The materials budget is first divided into "one-time" and "continuation" expenditures and further subdivided by various formats such as "books," "microforms," "nonbooks," and "periodicals." For each category there is a total number of items received during the year, their cost, average cost per item, and the percentage of materials budget expended for that format. In 1981/82, Chart III shows that the average cost for a book purchased by the Libraries was $31.16 and that books accounted for 27.17% of the total budget spent for library material.

Finally, Chart IV gives more detailed information on library materials expenditures. For three selected subject areas, allocations, expenditures, number of items purchased, and average cost per item are given by various formats. It is possible with the Libraries' acquisition system to become even more detailed. Chart IV could be expanded to include, for example, all the fund areas that make up Science. There are approximately thirty funds organized under the Science heading, including funds for such areas as science reserve material, maps, agriculture, biology, chemistry, and mathematics.

Joseph J. Branin
Assistant Director for
Collection Development
University of Georgia Libraries

May 24, 1983

Chart I

Internal & External Factors Distribution Summarized.
Prepared for the UGA Libraries - AEB/blw - 06/22/82.

Factors \ Subject Areas		Education 2nd Floor	Humanities 3rd Floor	History 4th Floor	Social Sciences 5th & 6th Floor	Fine Arts & Music 7th Floor	Main Library	Science Library
INTERNAL FACTORS:								
1. Academic Data-Weighted Percentage (UGA/IF:3-AIWP)	1979/80	16.0%	12.3%	5.6%	26.4%	5.3%	63.57%	36.43%
	1981/82	17.2	12.6	5.1	26.2	5.5	64.58	35.42
2. UGA Libraries Shelflist Count 1979 & 1981 (UGA/LSC2 - 1981)	#705,600 - 1979	4.9	30.1	16.7	18.0	7.3	81.40*	18.60
	#735,032 - 1981	5.1	29.3	16.6	19.0	7.1	81.17	18.83
3. UGA Libraries Circulation Counts-Usage (UGA/LCC - '80, '82)	#55,998 - 1980	9.6	5.7	5.1	11.6	7.0	46.18	11.66
	#45,790 - 1982	6.8	5.2	4.4	8.0	7.2	37.48	7.81
4. UGA Libraries Book Budget Expended								
1978/79 - Bk. Budget	$1,942,514.-	1.38	6.05	5.41	8.78	7.80	65.21	30.35**
1979/80	$2,106,781.-	1.93	8.86	5.98	10.33	4.09	62.68	30.42
1980/81	$2,106,860.-	2.01	7.42	3.84	12.78	4.89	62.29	33.32
1981/82	$							
EXTERNAL FACTORS:								
5. American Bk. Title Production, 1976-1980 (ABTP, 1976-1980/5YR-2)								
Annual Av.	#33,518 - NB's	13.1	21.6	4.5	23.8	5.0	75.99	24.01
	# 9,133 - NE's	7.1	29.9	7.0	21.4	4.9	78.47	21.53
6. BNA Approval Progr. 1980/81 (BNA/A1-1980/81)	#22,413 Bk's	6.7	20.2	7.3	27.1	7.7		30.7
	# 1,724 Reprt's	1.0	30.5	16.9	30.4	10.6		10.3
	$569,860.- Bk's	4.7	14.1	6.8	23.5	8.6		41.8
	$ 43,301.- Reprt's	0.7	24.7	17.9	31.7	13.2		11.4
7. U.S. Hardcover Bk's - 1980 Av. Price and/or Range		$ 8.16 to $17.01	$12.46 to $22.16	$22.78	$21.70 to $33.25	$21.79 to $27.70		$13.31 to $37.45
8. U.S Periodicals - 1981 Av. Price and/or Range		$ 8.56 to $25.18	$15.40 to $29.80	$17.96	$21.68 to $47.27	$20.51		$17.24 to $156.30

hart II

ENA- Approval Program

Combined Annual Data for New Books and Reprints

Based on Subject Distribution Analyses for the UGA-Libraries

(AEB/blw 83-04-27)

GA-Libraries: U. S. & Canadian New Books and Reprints

rea/Bibl. Dept.	1978/79 #/$	1979/80 #/$	1980/81 #/$	1981/82 #/$
oc. Sci.-Education	1,432/ 18,295.-	1,512/ 24,521.-	1,508/ 26,956.-	1,472/ 28,222.-
%	6.4/ 4.3	6.4/ 4.6	6.2/ 4.4	6.0/ 4.1
Index	100/100	106/134	105/147	103/154
umanities	5,043/ 77,788.-	4,847/ 80,250.-	5,058/ 91,086.-	5,129/ 98,298.-
%	22.4/18.5	20.5/15.1	21.0/14.8	20.8/14.3
Index	100/100	96/103	100/117	102/126
istory	2,062/ 37,292.-	2,098/ 43,966.-	1,935/ 46,644.-	1,934/ 47,267.-
%	9.2/ 8.9	8.9/ 8.3	8.0/ 7.6	7.8/ 6.9
Index	100/100	102/118	94/125	94/127
ocial Sciences	5,881/ 96,426.-	6,481/129,670.-	6,589/147,285.-	6,222/154,606.-
%	26.2/22.9	27.4/24.4	27.3/24.0	25.2/22.5
Index	100/100	110/134	112/153	106/160
ine Arts/Music	1,682/ 33,426.-	1,965/ 46,480.-	1,911/ 54,944.-	1,830/ 54,591.-
%	7.5/ 7.9	8.3/ 8.8	7.9/ 9.0	7.4/ 7.9
Index	100/100	117/139	114/164	109/163
cience Libr.	6,287/155,956.-	6,659/204.040.-	7,065/243,288.-	8,050/302,676.-
%	28.0/37.0	28.2/38.4	29.3/39.7	32.6/44.0
Index	100/100	106/131	112/156	128/194
ot Allocated	83/ 2,132.-	73/ 2,045.-	71/ 2,958.-	54/ 1,732.-
%	0.3/ 0.5	0.3/ 0.4	0.3/ 0.5	0.2/ 0.3
otal:	22,470/421,315.-	23,635/530,972.-	24,137/613,161.-	24,691/687,442.-
%	100/100	100/100	100/100	100/100

Chart III

UGA - Libraries Book Budget 1981/82
Summarized and Analyzed (Printout 06/24/82)
AEB - 07/26/82

	Number of Items #	Total Cost of Items $	Average Cost Per Item $	Percent of Book Budget %
One-Time Expenditures				
Books	20,927	652,174.16	31.16	27.17
Microform	117	70,272.99	600.62	2.93
Nonbook	785	37,912.25	48.30	1.58
Sub-Total	21,829	760,359.40	34.83	31.68
Continuation Expenditures				
Continuations	13,567	477,431.93	35.19	19.89
Microform	1,518	151,859.42	100.04	6.33
Nonbook	2,051	27,380.71	13.35	1.14
Periodicals	11,080	823,589.74	74.33	34.31
Sub-Total	28,216	1,480,261.80	52.46	61.67
One-Time Expenditures & Continuation Expenditures Total:	50,045	2,240,621.20	44.77	93.34
Others - Misc., etc.		159.820.93		6.66
Gifts	3,835			
Grand Total	53,880	2,400,442.13		100.0

Chart IV

DETAILED ANALYSIS OF EXPENDITURES

(acb 81/08/19)

Area	FY	One-Time Allocation	Books $	Books #	Books Average Cost	Nonbook $	Nonbook #	Nonbook Average Cost	Microforms $	Microforms #	Microforms Average Cost	Expended Total $	Expended Total #
Science	79/80	100,000	106,915	2,735	39.1	6,699	83	80.7	9,925	51	194.6	123,539	2,869
	80/81	87,436	83,917	2,236	37.5	10,420	50	208.4	42	2	32.0	94,379	2,288
	81/82	107,500	142,423	3,152	45.2	8,073	76	106.2	6,474	39	166.0	156,970	3,267
	FY	Continuations Allocation	Continuations $	Continuations #	Continuations Average Cost	Microform Continuations $	Microform Continuations #	Microform Continuations Average Cost	Periodicals $	Periodicals #	Periodicals Average Cost	Expended Total $	Expended Total #
	79/80	500,000	101,937	2,063	49.4				415,340	4,775	87.0	517,277	6,838
	80/81	607,700	99,934	2,000	50.0	25,523	45	567.2	482,072	4,387	109.9	607,528	6,432
	81/82	686,500	127,771	2,172	58.8	12,420	44	282.3	502,884	4,410	114.0	643,075	6,626
	FY	One-Time Allocation	Books $	Books #	Books Average Cost	Nonbooks $	Nonbooks #	Nonbooks Average Cost	Microforms $	Microforms #	Microforms Average Cost	Expended Total $	Expended Total #
Humanities	79/80	60,000	93,481	5,689	16.4	650	4	162.5	23,994	56	428.5	188,125	5,749
	80/81	67,568	66,011	3,362	19.6	0	0	0	624	5	124.8	66,635	3,367
	81/82	85,000	81,265	4,876	16.7	2,358	4	589.5	9,745	11	885.9	93,369	4,891
	FY	Continuations Allocations	Continuations $	Continuations #	Continuations Average Cost	Microform Continuations $	Microform Continuations #	Microform Continuations Average Cost	Periodicals $	Periodicals #	Periodicals Average Cost	Expended Total $	Expended Total #
	79/80	60,000	46,572	1,505	31.0				21,955	1,051	20.9	68,527	2,556
	80/81	105,000	38,699	1,248	31.0	23,988	28	856.7	26,936	946	28.5	89,623	2,222
	81/82	98,500	42,301	1,497	28.3	3,584	35	102.4	25,239	1,048	24.1	71,124	2,580

Chart IV Continued

Area	FY	One-Time Allocation	Books $	Books #	Books Average Cost	Nonbook $	Nonbook #	Nonbook Average Cost	Microforms $	Microforms #	Microforms Average Cost	Expended Total $	Expended Total #
Social Sciences	79/80	80,000	84,434	4,874	17.3	155	12	13.0	58,770	91	645.8	143,359	4,977
	80/81	97,500	71,590	3,807	18.8	216	9	24.0	54,693	13	4,207.0	126,499	3,829
	81/82	112,000	112,234	4,885	23.0	0	0	0	26,100	24	1,087.5	138,334	4,909

	FY	Continuations Allocation	Continuations $	Continuations #	Continuations Average Cost	Microform Continuations $	Microform Continuations #	Microform Continuations Average Cost	Periodicals $	Periodicals #	Periodicals Average Cost	Expended Total $	Expended Total #
	79/80	125,000	17,488	885	19.8				56,718	1,590	35.7	74,206	2,475
	80/81	144,000	19,153	921	20.8	50,880	73	697.0	70,230	1,548	45.4	142,485	2,543
	81/82	161,000	29,559	1,313	22.5	62,988	495	127.3	88,645	1,906	46.5	181,192	3,714

VANDERBILT UNIVERSITY LIBRARY

419-21st AVENUE SOUTH
NASHVILLE, TENNESSEE 37203

May 31, 1983

Mr. Fred C. Lynden
31 Ferry Lane
Barrington, RI 02806

Dear Mr. Lynden:

The enclosed reports represent our first attempt to obtain average price data from our new in-house acquisitions/accounting system. The reports include material received and paid via the system between July 1, 1982 and March 20, 1983. An updated cumulative report will be produced in connection with the end of the fiscal year (June 30).

Because of the intent of the data in helping us project technical processing workflow from materials budgets, the total cost figure is a net amount which represents list price minus discount plus shipping/handling charges. Therefore, the so-called average price is not a pure materials-cost figure.

The subjects represent the academic organization of the university. Medical material was omitted from this first analysis through oversight. The Law Library participates in the accounting module of the system in a unique way that does not lend itself to the capturing of volume-count data, therefore average price information is not available for law material. One other idiosyncrasy I should mention is the treatment of material for engineering. Differentiation among the various fields of study within engineering is made for monographs but serials and periodicals are grouped together under the generic term "General Engineering." While this has been the policy for several years, I noticed when looking over the tables that three periodical titles have been given field of study assignments during this past year. These three are an anomaly and certainly do not represent our total activity in these sub-fields.

Finally, I would emphasize that the data represents only those payments made during the first 8.5 months of our new system. The minimal amount of data presented in certain instances has resulted in a skewed mean, but as we enlarge our base we hope to see a correction of this phenomenon.

In addition to the two tables enclosed, I plan a third which will analyze monograph receipts according to (1) English language-U.S., (2) English language-not U.S., and (3) non-English language. These three categories will each be subdivided according to (a) current (i.e., published originally within the last 5 years) or (b) retrospective.

VANDERBILT UNIVERSITY LIBRARY: MATERIALS COSTS
(07/01/83 - 03/20/83)

TABLE I: MONOGRAPHS/SERIALS/PERIODICALS

Subject	MONOGRAPHS Volumes	Cost	Mean Cost	SERIAL CONTINUATIONS Volumes	Cost	Mean Cost	PERIODICAL SUBSCRIPTIONS Volumes	Cost	Mean Cost
Afro-American Studies	35	708.71	20.25	5	376.78	75.36	11	395.69	35.97
Art	320	9,569.81	29.91	25	1,222.25	48.89	69	2,575.92	37.33
Astronomy	30	1,472.93	49.10	14	883.97	63.14	25	6,127.86	245.11
Biology, General	79.5	3,030.60	38.12	54	3,012.23	55.78	146.83	18,225.96	124.13
Biology, Molecular	54.5	2,319.26	42.56	31.5	2,160.88	68.60	40.33	10,984.30	272.36
Chemistry	81	7,269.10	89.74	72.5	26,169.36	360.96	106.84	37,502.74	351.02
Child Studies	74	1,663.91	22.49	2	61.48	30.74	14	407.94	29.14
Classical Studies	100	3,693.56	36.94	25	1,054.17	42.17	37	1,235.11	33.38
Drama & Speech	33	680.66	20.63	8	462.93	57.87	14	311.90	22.28
East Asian Studies	58	1,321.34	22.78	7	306.19	43.74	22	1,037.19	47.15
Economics & Bus. Admin.	299	7,693.43	25.73	32	3,252.62	101.64	166	11,941.80	71.94
Education	246	5,060.50	20.57	75	4,211.71	56.16	305.5	9,594.83	31.41
Engineering, General	59.5	2,291.66	38.52	49.5	5,024.78	101.51	278	37,460.12	134.75
Engineering, Chemical & Biomedical	20	1,196.77	59.84				1	72.00	72.00
Engineering, Civil & Environmental	62	2,112.41	34.07				1	105.24	105.24
Engineering, Electrical	55	3,804.47	69.17						
Engineering, Mechanical	51	1,550.46	30.40				1	122.00	122.00
Engineering, Computer Sci.	77	3,181.11	41.31						
English	363	14,270.14	39.31	49.5	1,647.69	33.29	164	3,342.51	20.38
European Studies	139	1,507.15	10.84						
French & Italian	111	2,566.28	23.12	20	581.03	29.05	55	2,254.29	40.99
Geography	10	209.36	20.94	6	117.71	19.62	38	671.17	31.96
Geology	31	1,345.53	43.40	27	1,968.10	72.89	62.5	9,222.81	147.56
German & Comparative Lit.	246	8,857.80	36.01	25	650.80	26.03	31	1,271.61	41.02
History	453	10,924.41	24.12	87	3,353.31	38.54	173	6,435.29	37.20
Latin American Studies	384	5,535.65	14.42	7	875.39	125.06	28.5	1,154.62	40.51
Library Science	61	1,794.87	29.42	18.5	1,041.54	56.30	125	3,785.63	30.29
Linguistics	52	1,182.35	22.74	13	778.94	59.92	30	2,478.22	82.61
Management	171	3,358.58	19.64	106	13,404.27	126.46	266	14,429.51	54.25
Mathematics	99.5	5,006.18	50.31	47.5	2,392.32	50.36	163	26,591.33	163.14
Music	19	540.45	28.44	24	1,002.78	41.78	48	1,770.72	36.89
Philosophy	110	3,069.50	27.90	14	702.17	50.16	81	4,089.20	50.48
Physics	100	8,371.39	83.71	20	2,665.54	133.28	100.5	40,954.20	407.50
Political Science	201	4,037.97	20.09	44	2,885.94	65.59	94.5	4,751.72	50.28
Psychology	114	2,863.54	25.12	33	1,782.63	54.02	208.5	12,452.26	59.72
Religion	853	15,474.33	18.14	236.5	6,617.71	27.98	139	3,657.68	26.31
Slavic Studies	436	4,550.10	10.44	14	330.13	23.58	24	1,044.74	43.53
Sociology & Anthropology	236	5,031.27	21.32	28	833.41	29.76	123	6,032.11	49.04
Spanish & Portuguese	43	716.97	16.67	8.5	270.09	31.78	22	729.04	33.14
Special Education	18	349.07	19.39	8	740.57	92.57	38	1,109.67	29.20
Youth Literature	47	353.81	7.53						
General (Non-reference)	814	20,687.55	25.41	189.5	24,936.26	131.59	112.5	16,670.74	148.18
General Reference	74.5	3,023.85	40.59	177.5	19,594.64	110.39	32	6,249.47	195.30
Replacement	44	980.78	22.29						

VANDERBILT UNIVERSITY LIBRARY: MATERIAL COSTS
(07/01/83 - 03/20/83)

TABLE II (ANALYSIS OF MONOGRAPHS RECEIVED)

Subject	APPROVAL Volumes	APPROVAL Cost	APPROVAL Mean Cost	REGULAR ORDER Volumes	REGULAR ORDER Cost	REGULAR ORDER Mean Cost	MONOGRAPH CONTINUATION Volumes	MONOGRAPH CONTINUATION Cost	MONOGRAPH CONTINUATION Mean Cost
Afro-American Studies	24	472.54	19.69	5	88.12	17.62	6	148.05	24.68
Art	123	2,506.07	20.37	174	5,333.64	30.65	23	1,730.10	75.22
Astronomy	6	167.14	27.86	8	379.87	47.48	16	925.92	57.87
Biology, General	39	1,070.70	27.45	30	1,405.39	46.85	10.5	554.51	52.81
Biology, Molecular	30	1,266.47	42.22	18	708.73	39.37	6.5	344.06	52.93
Chemistry				33	3,234.64	98.02	48	4,034.46	84.05
Child Studies	47	1,074.83	22.87	26	549.79	21.15	1	39.29	39.29
Classical Studies	28	725.64	25.92	49	1,743.65	35.58	23	1,224.27	53.23
Drama & Speech	18	416.38	23.13	13	199.68	15.36	2	64.60	32.30
East Asian Studies	47	1,119.73	23.82	4	73.48	18.37	7	128.13	18.30
Economics & Bus. Admin.	213	4,997.39	23.46	65	2,022.22	31.11	21	673.82	32.09
Education	109	1,991.02	18.27	124	2,702.98	21.80	13	366.50	28.19
Engineering, General	23	715.59	31.11	12	410.15	33.43	24.5	1,174.92	47.96
Engineering, Chemical & Biomedical	10	433.14	43.31	5	366.59	73.32	5	397.04	79.41
Engineering, Civil & Environmental	45	1,460.14	32.45	15	608.87	40.59	2	43.40	21.70
Engineering, Electrical	42	1,354.78	32.26	13	2,449.69	188.44			
Engineering, Mechanical	19	652.43	34.34	29	818.54	28.23	3	79.49	26.50
Engineering, Computer Sci.	57	1,221.58	21.43	18	1,901.79	105.66	2	57.74	28.87
English	223	4,517.85	20.26	97	7,527.60	77.60	43	2,224.69	51.74
European Studies				139	1,507.15	10.84			
French & Italian	15	336.48	22.43	63	1,058.80	16.81	33	1,171.00	35.48
Geography	5	103.33	20.67	3	35.14	11.71	2	70.89	35.45
Geology	6	195.05	32.51	7	232.35	33.19	18	918.13	51.01
German & Comparative Lit.	144	2,335.26	16.22	19	322.27	16.96	83	6,200.27	74.70
History	296	6,466.43	21.85	89	2,268.09	25.48	68	2,189.89	32.20
Latin American Studies	53	1,201.24	22.66	308	3,927.50	12.75	23	406.91	17.69
Library Science	32	750.86	23.46	13	455.38	35.03	16	588.63	36.79
Linguistics	24	501.70	20.90	22	421.79	19.17	6	258.86	43.14
Management	108	2,127.90	19.70	61	1,213.49	19.89	2	17.19	8.60
Mathematics	23	745.38	32.41	6	476.36	79.39	70.5	3,784.44	53.68
Music	7	206.77	29.54	8	234.18	29.27	4	99.50	24.88
Philosophy	65	1,533.10	23.59	32	866.40	27.08	13	670.00	51.54
Physics	28	856.36	30.58	30	5,673.52	189.12	42	1,841.51	43.85
Political Science	110	2,179.07	19.81	56	1,200.09	21.43	35	658.81	18.82
Psychology	52	1,356.19	26.08	58	1,320.08	22.76	4	187.27	46.82
Religion	76	1,650.92	21.72	621	8,519.39	13.72	156	5,304.02	34.00
Slavic Studies	342	2,489.25	7.28	89	1,989.92	22.36	5	70.93	14.19
Sociology & Anthropology	179	3,874.09	21.64	35	627.19	17.92	22	529.99	24.09
Spanish & Portuguese	9	198.69	22.08	30	382.52	12.75	4	135.76	33.94
Special Education				18	349.07	19.39			
Youth Literature	24	181.09	7.55	23	172.72	7.51			
General (Non-reference)	57	1,280.50	22.46	734	18,261.63	24.88	23	1,145.42	49.80
General Reference	9	273.86	30.43	30	994.10	33.14	35.5	1,755.89	49.46
Replacement				44	980.78	22.29			

VENDOR COST STUDIES

THE BAKER & TAYLOR COMPANY

Selected Pages

APPROVAL PROGRAM

Management Information Report

SUBJECT STATION

Academic

ubject tation umber	LC Class	Subject Station Name	TITLES	AVERAGE LIST	TOTAL LIST
01	A	General Works	173	$29.88	$ 5169
02	N	Fine Arts	237	31.51	7468
03	N	Art Media	262	35.60	9327
04	NK	Applied Arts	103	31.07	3200
05	NA	Architecture	343	29.12	9988
06	TR	Reprographics	105	26.82	2816
07	PN	Performing Arts	251	23.75	5961
C07	PN	Cinema	*	*	*
08	M	Music	310	27.94	8661
09	GV	Sports	174	15.78	2746
P09	GV	Physical Education	69	14.89	1027
R09	GV	Recreation	29	16.90	490
10	B	Philosophy	414	24.33	10073
E10	BJ	Ethics	62	20.64	1280
11	BF	Psychology	706	26.42	18650
12	RC	Clinical Psychology	*	*	*
13	BL	Religion	781	18.68	14589
14	D	History	448	25.92	11612
15	D	History of Specific Areas	467	25.79	12044
16	E	United States History	387	21.04	8142
17	CC	Archaeology	115	28.41	3267
18	C	Auxiliary Historical Science	45	30.72	1382
19	G	Geography	145	28.54	4138
20	P	Language	137	22.94	3143

* Indicates a new subject station in effect only in June 1982. For totals, consult the subject station covering the topic in the previous edition of the List of Subject Descriptors.

APPROVAL PROGRAM

Management Information Report

SUBJECT STATION

Academic

Subject Station Number	LC Class	Subject Station Name	TITLES	AVERAGE LIST	TOTAL LIST
M85	TJ	Machine Engineering	23	$26.03	$ 599
86	TL	Automotive Engineering	23	31.68	729
87	TL	Aeronautical Engineering	28	27.63	774
S87	TL	Space Engineering	20	27.47	549
89	VM	Marine Engineering	16	42.76	684
90	TK	Electrical Engineering	141	34.15	4815
91	TK	Electronic Engineering	126	32.75	4127
92	TK	Nuclear Engineering	119	30.06	3577
93	QA	Computer Science	470	26.91	12648
D93	Z	Information Science	24	25.60	614
94	TP	Chemical Engineering	220	44.96	9891
95	TN	Petroleum Engineering	82	33.47	2745
M95	TN	Mining Engineering	33	31.63	1044
96	TS	Manufacturing	105	33.73	3542
97	TX	Home Economics	68	20.58	1399
98	H	Occupational Programs Business	99	16.91	1674
99	T	Occupational Programs Trade and Technical	105	16.00	1680
		TOTAL	26,364	$26.86	$708,233

BLACKWELL NORTH AMERICA, INC.

Page 1a-10 U.S. & CANADIAN APPROVAL PROGRAM COVERAGE (07-01-81/06-30-82)
PRIMARY SUBJECT COVERAGE

CODE	SUBJECT	U.S. & CANADIAN					
		NEW			REPRINT		
		# OF BKS	TOTAL LIST	AVG LIST	# OF BKS	TOTAL LIST	AVG LIST
7070	Dental materia medica	1	24.75	24.75			
7080	Dental laboratories	4	128.45	32.11			
7085	Allied dental personnel	4	62.90	15.72			
7090	Dental anesthesiology	2	51.50	25.75			
7202	Pharmacy	7	278.40	39.77			
7265	Pharmacy, materia medica	27	1,175.50	43.53			
7302	Nursing	15	269.00	17.93			
7305	Nursing educ	8	140.55	17.56			
7307	Nursing research	4	64.80	16.20			
7310	Fields of nursing	97	1,701.95	17.54			
7315	Health practitioners	3	48.85	16.28			
7320	Related nursing fields	2	39.90	19.95			
7340	Allied health fields div	8	124.70	15.58			
7350	Nurse & patient	13	183.60	14.12			
7360	Nursing of specific disea	10	176.80	17.68			
7380	Subjects related to nursi	44	735.85	16.72			
7502	Agriculture	9	296.80	32.97	2	87.00	43.50
7507	Agric science/research di	58	2,494.50	43.00			
7514	Farm land mgt div		1,002.70	45.57			
7521	Agric engg div		134.75	19.25			
7528	Farm mgt div	11	336.05	30.55			
7535	Plant culture div	12	421.55	35.12			
7542	Field crops div	8	293.10	36.63			
7549	Horticulture crops div	3	81.40	27.13			
7563	Vegetable culture	3	36.90	12.30			
7570	Floriculture div	27	664.25	24.60	1	14.95	14.95
7580	Home gardening div	42	656.20	15.62	1	9.95	9.95
7585	Landscape gardening	5	130.80	26.16			
7602	Forestry	7	295.05	42.15			
7620	Silviculture div	1	23.50	23.50			
7640	Forest protection div	5	94.30	18.86			
7650	Forest economics div	4	69.80	17.45			
7660	Forest products div	5	179.90	35.83			
7680	Wood chemistry	1	22.00	22.00			
7702	Animal husbandry	6	229.55	38.25			
7710	Animal breeding	6	160.65	26.77			
7715	Animal feeding	2	49.95	24.97			
7720	Cattle indus div	5	147.95	29.59	1	24.95	24.95
7730	Dairy industry	1	28.00	28.00			
7735	Horses	7	131.85	18.83			
7740	Sheep & goats	2	107.25	53.62			
7745	Swine	2	54.95	27.47			
7750	Poultry	2	20.90	10.45			
7760	Pets div	6	93.25	15.54			
7765	Bee keeping	1	19.50	19.50			
7802	Natural resources	8	242.25	30.28			
7810	Energy resources	58	2,147.05	37.01			
7813	Soil conservation	4	207.90	51.97			
7820	Land & land use div	26	591.15	22.73			

BLACKWELL NORTH AMERICA, INC.

U.S. & CANADIAN APPROVAL PROGRAM COVERAGE (07-01-81/06-30-82) Page 1a-11
PRIMARY SUBJECT COVERAGE

CODE	SUBJECT	U.S. & CANADIAN NEW # OF BKS	NEW TOTAL LIST	NEW AVG LIST	U.S. & CANADIAN REPRINT # OF BKS	REPRINT TOTAL LIST	REPRINT AVG LIST
7826	Water conservation div	10	229.65	22.96			
7835	Nature conservation	5	111.90	22.38			
7839	Forest conservation	2	61.95	30.97			
7852	Wildlife conservation div	54	1,512.85	28.01	7	323.40	46.20
7865	Recreation areas mgt	8	139.00	17.37	1	25.00	25.00
7878	Marine resources	3	67.45	22.48			
7891	Mineral resources div	8	377.90	47.23			
8102	Veterinary medicine	3	176.50	58.83			
8125	Veterinary science div	18	665.75	36.98			
8150	Laboratory animals	5	255.70	51.14			
8175	Veterinary med & surgery	29	1,269.20	43.76			
8402	Career books	3	50.90	16.96			
8409	Art as career	1	9.95	9.95			
8412	Business as career	4	53.81	13.45			
8418	Computer science as caree	1	15.95	15.95			
8421	Crafts & trades as career	2	11.92	5.96			
8433	Engineering as career	1	24.95	24.95			
8436	Entertainment as career	1	19.95	19.95			
8446	Law enforcement as career	1	15.50	15.50			
8461	Medicine as career	5	49.87	9.97			
8470	Nursing as career	1	12.50	12.50			
8476	Psychiatry as career	1	5.96	5.96			
8477	Psychology as career	1	14.95	14.95			
8480	Publishing as career	1	15.95	15.95			
8489	Science as career	1	16.95	16.95			
8497	Writing as career	2	13.91	6.95			
8499	Other specific career boo	5	64.75	12.95			
	TOTAL.....	23,827	668,504.47	28.05	864	18,937.87	21.91
	ACCUM TOTAL.....	23,827	668,504.47		864	18,937.87	

CODE	SUBJECT	U.S. & CANADIAN					
		NEW			REPRINT		
		# OF BKS	TOTAL LIST	AVG LIST	# OF BKS	TOTAL LIST	AVG LIST
7302	Nursing	9	137.50	15.27			
7305	Nursing educ	7	124.75	17.82			
7307	Nursing research	7	96.80	13.82			
7310	Fields of nursing	102	1,761.05	17.26			
7315	Health practitioners	2	29.90	14.95			
7320	Related nursing fields	4	91.65	22.91			
7340	Allied health fields div	22	387.75	17.62			
7350	Nurse & patient	17	216.35	12.72			
7360	Nursing of specific disea	15	250.95	16.73			
7380	Subjects related to nursi	30	486.60	16.22			
7502	Agriculture	9	158.10	17.56			
7507	Agric science/research di	34	1,547.10	45.50	1	28.00	28.00
7514	Farm land mgt div	24	903.00	37.62			
7521	Agric engg div	4	138.95	34.73			
7528	Farm mgt div	11	237.35	21.57	1	11.95	11.95
7535	Plant culture div	12	494.95	41.24	1	9.50	9.50
7542	Field crops div	14	640.15	45.72			
7548	Horticulture crops div	7	265.45	37.92			
7563	Vegetable culture	4	92.20	23.05			
7570	Floriculture div	9	315.80	35.08			
7580	Home gardening div	28	455.85	16.28			
7585	Landscape gardening	4	93.45	23.36			
7602	Forestry	2	31.95	15.97			
7620	Silviculture div	4	86.95	21.73			
7640	Forest protection div	1	6.95	6.95	1	6.95	6.95
7650	Forest economics div	3	32.45	10.81			
7660	Forest products div	12	359.71	29.97			
7702	Animal husbandry	7	185.60	26.51			
7710	Animal breeding	5	157.90	31.58			
7720	Cattle indus div	10	354.15	35.41			
7730	Dairy industry	2	44.95	22.47			
7732	Work animals	1	8.95	8.95			
7735	Horses	4	90.35	22.58			
7740	Sheep & goats	4	114.95	28.73			
7745	Swine	2	53.45	26.72			
7750	Poultry	3	102.00	34.00			
7760	Pets div	11	197.50	17.95			
7765	Bee keeping	3	31.85	10.61			
7770	Wild bird husbandry	2	27.45	13.72			
7802	Natural resources	10	269.75	26.97			
7810	Energy resources	72	2,529.95	35.13			
7813	Soil conservation	6	266.25	44.37			
7820	Land & land use div	21	571.70	27.22			
7826	Water conservation div	9	227.15	25.23			
7835	Nature conservation	4	47.40	11.85			
7839	Forest conservation	1	12.00	12.00			
7852	Wildlife conservation div	54	1,204.10	22.29	5	191.90	38.38
7865	Recreation areas mgt	11	207.55	18.86			
7878	Marine resources	2	40.90	20.45			

CODE	SUBJECT	U.S. & CANADIAN NEW # OF BKS	NEW TOTAL LIST	NEW AVG LIST	REPRINT # OF BKS	REPRINT TOTAL LIST	REPRINT AVG LIST
7891	Mineral resources div	14	368.85	26.34	1	35.00	35.00
8102	Veterinary medicine	4	51.85	12.96			
8125	Veterinary science div	17	704.70	41.45			
8150	Laboratory animals	6	238.45	39.74			
8175	Veterinary med & surgery	22	1,087.65	49.43			
8412	Business as career	1	6.95	6.95			
8415	Communications as career	1	11.95	11.95			
8436	Entertainment as career	1	13.50	13.50			
8439	Government as career	1	10.95	10.95			
8461	Medicine as career	1	22.95	22.95			
8480	Publishing as career	1	4.95	4.95			
8494	Vet medicine as career	1	6.95	6.95			
8499	Other specific career boo	1	28.50	28.50			
9121	Authors-Crit: Did-	1	8.95	8.95			
9138	Authors-Crit: Hei-	1	24.00	24.00			
9157	Authors-Crit: Man-	1	11.95	11.95			
	TOTAL.....	22,413	569,859.91	25.42	1,724	43,300.67	25.11
	ACCUM TOTAL.....	22,413	569,859.91		1,724	43,300.67	

BALLEN BOOKSELLERS INTERNATIONAL, INC.

Selected Pages

APPROVAL PROGRAM COST ANALYSIS

JULY 1, 1981 THROUGH JUNE 30, 1982

LC DESCR LC CLASS	PROFILE	UNITS	AVG. NET PRICE	AVG. LIST PRICE
GENERAL WORKS				
AC	495.30	26	19.05	21.17
TOTAL	495.30	26	19.05	21.17
PHILOSOPHY				
B	3293.35	119	27.68	30.75
BC	203.81	6	33.97	37.74
BD	400.68	17	23.57	26.19
BH	55.31	3	18.44	20.48
BJ	277.20	17	16.31	18.12
TOTAL	4230.35	162	26.11	29.01
PSYCHOLOGY				
BF	6615.72	182	35.36	39.24
TOTAL	6615.72	182	35.36	39.24
RELIGION				
BL	1225.20	60	20.42	22.69
BM	369.00	20	18.45	20.50
BP	576.25	25	23.05	25.61
BQ	194.00	10	19.40	21.56
BR	788.80	40	19.72	21.91
BS	801.72	51	15.72	17.46
BT	577.08	42	13.74	15.26
BV	526.05	45	11.69	12.99
BX	984.84	58	16.98	18.86
TOTAL	6042.94	351	17.21	19.11
AUXILIARY SCIENCES OF HISTORY				
CB	307.44	15	20.50	22.77
CC	162.72	7	23.25	25.83
CD	54.00	1	54.00	59.99
CJ	186.75	3	62.25	69.16
CR	141.21	6	23.54	26.15
CS	40.46	2	20.23	22.48
CT	336.56	17	19.80	22.00
TOTAL	1229.14	51	24.10	26.78

LC DESCR LC CLASS	PROFILE	UNITS	AVG. NET PRICE	AVG. LIST PRICE
TECHNOLOGY				
T	1692.08	52	32.54	36.15
TA	6241.85	155	40.27	44.74
TC	538.02	21	25.62	28.47
TD	2641.55	64	41.27	45.86
TE	76.46	2	38.23	42.47
TF	256.50	6	42.75	47.50
TG	62.06	1	62.06	68.95
TH	2091.52	64	32.68	36.31
TJ	2997.96	84	35.69	39.65
TK	5385.33	159	33.87	37.63
TL	1155.79	41	28.19	31.32
TN	1950.24	34	57.36	63.73
TP	3635.45	85	42.77	47.52
TR	2485.80	90	27.62	30.69
TS	1042.83	32	32.59	36.21
TT	817.74	33	24.78	27.53
TX	2630.84	89	29.56	32.81
TOTAL	35702.02	1012	35.27	39.15
MILITARY SERVICE				
U	402.60	15	26.84	29.82
UA	633.02	26	24.37	27.08
UB	174.87	8	21.86	24.29
UD	26.96	1	26.96	29.95
UE	40.95	1	40.95	45.50
UF	155.16	6	25.86	28.73
UG	208.50	10	20.85	23.17
VA	87.30	3	29.10	32.33
VK	14.36	1	14.36	15.95
VM	84.56	2	42.28	46.97
TOTAL	1828.89	63	29.03	32.22
BIBLIOGRAPHY & LIBRARY SCIENCE				
Z	6256.85	144	43.33	48.14
TOTAL	6256.85	144	43.33	48.14
GRAND TOTAL	320648.10	11743	27.30	30.30

COUTTS

CUMULATIVE BLANKET ORDER STATISTICS
FOR JUNE 1 82 TO MAY 31 83

	CLASSIFICATIONS	QUANTITY	LIST PRICE	AVERAGE COST
AC	COLLECTIONS	8	131.30	16.41
AG	DICTIONARIES	1	20.00	20.00
AI	INDEXES	3	116.00	38.67
AM	MUSEUMS	2	180.00	90.00
AP	PERIODICALS	1	75.00	75.00
AS	ACADEMIES AND SOCIETIES	4	84.40	21.10
AY	YEARBOOKS, ALMANACS, DIRECTORIES	3	208.45	69.48
AZ	HIST. OF SCIENCES (GENERAL)	7	171.85	24.55
B	PHILOSOPHY	199	5477.20	27.52
BC	LOGIC	24	658.25	27.43
BD	SPECULATIVE PHILOSOPHY	40	1021.29	25.53
BF	PSYCHOLOGY	374	9766.73	26.11
BH	AESTHETICS	10	236.80	23.68
BJ	ETHICS	33	706.50	21.41
BL	RELIGION	169	2872.55	17.00
BM	JUDAISM	53	1041.55	19.65
BP	ISLAM	22	526.90	23.95
BQ	BUDDHISM	26	489.85	18.84
BR	CHRISTIANITY	87	1520.50	17.48
BS	BIBLE & EXEGESIS	176	2875.10	16.34
BT	DOCTRINAL THEOLOGY	90	1291.55	14.35
BV	PRACTICAL THEOLOGY	82	1113.25	13.58
BX	DENOMINATIONS	131	2643.60	20.18
C	AUX SCIENCES OF HISTORY	1	28.50	28.50
CB	HIST. OF CIVILIZATION	30	768.40	25.61
CC	ARCHAEOLOGY	26	1021.20	39.28
CD	DIPLOMATICS. ARCHIVES	2	58.95	29.48
CJ	NUMISMATICS	4	154.15	38.54
CN	INSCRIPTIONS	4	94.45	23.61
CS	GENEALOGY	3	108.00	36.00
CT	BIOGRAPHY	25	614.71	24.59
D	HISTORY - GENERAL	166	4697.30	28.30
DA	GREAT BRITAIN	97	3042.90	31.37
DB	AUSTRIA. CZECH. HUNGARY	14	297.50	21.25
DC	FRANCE	20	533.90	26.69
DD	GERMANY	29	645.29	22.25
DE	MEDITERRANEAN REGION-CLASSICAL	3	77.90	25.97
DF	GREECE	17	543.35	31.96
DG	ITALY	27	745.63	27.62
DH	LOW COUNTRIES	1	54.00	54.00
DJ	NETHERLANDS, ETC.	2	54.50	27.25
DK	RUSSIA. POLAND. FINLAND	88	2147.40	24.40
DL	NORTHERN EUROPE. SCANDINAVIA	5	111.65	22.33
DP	SPAIN. PORTUGAL	14	468.25	33.45
DR	EASTERN EUROPE. BALKANS. TURKEY	9	207.95	23.11
DS	ASIA	302	7273.77	24.09
DT	AFRICA	79	2173.60	27.51

COUTTS

CUMULATIVE BLANKET ORDER STATISTICS
FOR JUNE 1 82 TO MAY 31 83

	CLASSIFICATIONS	QUANTITY	LIST PRICE	AVERAGE COST
UG	MILITARY ENGINEERING	15	301.50	20.10
V	NAVAL SCIENCE - GENERAL	12	278.65	23.22
VA	NAVIES	10	248.75	24.87
VB	NAVAL ADMINISTRATION	4	91.80	22.95
VF	NAVAL ORDNANCE	1	14.00	14.00
VG	MINOR SERVICES OF NAVIES	2	44.90	22.45
VK	NAVIGATION. MERCHANT MARINE	2	29.90	14.95
VM	NAVAL ARCHITECTURE	6	257.05	42.84
Z	BIBLIOGRAPHY. LIBRARY SCIENCE	242	7262.55	30.01
		TOTAL BOOKS	TOTAL AMOUNT	AVERAGE PRICE
		19790	591194.32	29.87

11856
BROWN UNIVERSITY
PROVIDENCE RI 02912

LIBRARY

FAXON INDEX	NO. OF TITLES IN SERVICE 1981	1980	1979	NO. OF TITLES BILLED 1981	1980	1979	AVERAGE PRICE 1981	%INC.	1980	%INC.	1979	EXPENDITURES 1981	1980	1979
AI	46	50	40	23	17	23	45.99	29.2	35.57		42.67	1.057.85	604.70	979.25
AN	20	24	18	14	11	15	206.06	56.9	131.30		169.51	2.884.83	1.444.35	2.542.71
BA	377	465	294	257	203	259	177.78	38.8	128.06	0.0	128.03	45.690.65	25.997.67	33.159.90
BI	2	2	3	0	1	3	0.00		12.00		43.00	0.00	12.00	129.00
BP	60	65	55	34	24	38	48.78		58.89	25.7	46.82	1.658.65	1.413.46	1.779.21
CA	70	92	38	65	44	36	339.45	36.7	248.20		401.39	22.064.42	10.920.80	14.450.16
CP	30	31	26	6	9	24	33.41		46.41	43.9	32.25	200.50	417.75	774.10
DL	3	4	2	3	4	2	137.13	2.2	134.05		138.10	411.40	536.20	276.20
ED	92	94	66	35	32	68	31.15		37.07		42.27	1.090.55	1.186.25	2.874.50
EN	75	86	57	56	41	50	185.11	0.2	184.66	22.1	151.12	10.366.20	7.571.42	7.556.32
HL	13	11	11	7	3	8	46.78		87.36	71.9	50.81	327.50	262.10	406.50
HU	179	191	166	81	86	125	34.89	10.4	31.59		35.53	2.826.14	2.717.00	4.441.25
IC	3	5	5	3	5	5	122.99	7.5	114.36	25.6	91.05	368.97	571.83	455.29
IN	31	36	24	22	24	19	116.04	16.3	100.56	26.9	79.21	2.552.95	2.413.59	1.505.10
JE	63	65	61	38	32	46	38.73		42.13	18.0	35.70	1.471.75	1.348.19	1.642.53
LL	10	10	9	6	7	7	36.00		53.00	9.7	48.28	216.00	371.00	338.00
LP	13	13	13	8	7	12	36.82	37.7	26.73		40.12	294.62	187.12	481.50
ME	6	7	4	4	4	2	120.75		141.27		193.00	483.00	565.10	386.00
MH	59	84	39	42	32	36	155.14	6.3	145.83	21.8	119.93	6.516.06	4.666.77	4.317.64
MU	40	40	39	24	23	28	17.34		22.81	15.6	19.72	416.22	524.75	552.25
NL	7	7	7	4	2	3	20.74		90.00	76.8	50.88	82.96	180.00	152.64
OA	2	2	2	1	1	2	1.20	0.0	1.20		45.60	1.20	1.20	91.20
PA	25	26	23	15	15	16	47.62	13.4	41.96	11.2	37.72	714.38	629.48	603.66
PH	1	1	1	0	1	1	0.00		48.00	0.0	48.00	0.00	48.00	48.00
PI	18	18	14	10	5	13	42.33	22.6	34.50	8.9	31.68	423.37	172.50	411.90
PO	4	5	3	2	1	2	150.40		157.70	63.4	96.50	300.80	157.70	193.00
PS	36	34	29	21	23	26	48.27		53.10	14.7	46.27	1.013.79	1.221.39	1.203.20
PY	13	16	11	13	10	10	227.36	12.0	202.85	8.5	186.86	2.955.75	2.028.58	1.868.60
RG	56	60	56	24	21	26	23.68		33.80	18.1	28.61	568.50	710.00	744.00
RP	31	32	30	12	15	27	18.38		21.63		24.08	220.40	324.45	650.30
SA	46	46	42	25	27	28	25.23		25.35	2.0	24.84	630.77	684.58	695.57
SC	169	195	128	133	112	119	163.53		169.64	27.3	133.20	21.750.38	19.000.49	15.851.93
SI	80	87	73	53	42	54	41.43	3.9	39.84		41.67	2.196.05	1.673.31	2.250.39
SS	103	118	81	72	57	73	56.30	10.5	50.91	5.3	48.31	4.053.75	2.902.17	3.527.16
ST	123	128	119	79	74	97	69.10		73.54	9.7	67.03	5.459.08	5.442.02	6.502.14
MISC	942	981	708	603	462	562	66.05		68.99	21.8	56.76	33.227.94	31.874.45	31.336.00
TOTAL	2.848	3.121	2.318	1.696	1.477	1.855	102.94	16.2	88.54	13.1	78.26	174.497.38	130.782.37	145.177.10

ALA/RTSD/RS
Financial Restraint in Academic and Research Institutions
June 26, 1983

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